Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041523.D
Acq On : 14 May 2024 16:45
Operator : JC/MD
Sample : P2403-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 15 01:56:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	160407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99003	56.695	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.380%			
35) Dibromofluoromethane	5.385	113	78391	50.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	8.647	98	273128	55.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.740%			
62) 4-Bromofluorobenzene	11.079	95	100048	52.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3411	2.588	ug/l	84
3) Chloromethane	1.294	50	3550	2.603	ug/l	98
4) Vinyl Chloride	1.374	62	3678	2.829	ug/l	93
5) Bromomethane	1.599	94	2973	3.647	ug/l	98
6) Chloroethane	1.666	64	2295	3.802	ug/l	91
7) Trichlorofluoromethane	1.867	101	6934	3.093	ug/l	98
8) Diethyl Ether	2.136	74	2580	3.265	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	4249	3.372	ug/l	90
10) Methyl Iodide	2.447	142	3755	2.769	ug/l #	87
11) Tert butyl alcohol	3.007	59	4679	13.387	ug/l	98
12) 1,1-Dichloroethene	2.306	96	3806	3.062	ug/l	86
13) Acrolein	2.239	56	3215	11.595	ug/l	93
14) Allyl chloride	2.654	41	6132	2.936	ug/l	98
15) Acrylonitrile	3.075	53	11719	14.691	ug/l	97
16) Acetone	2.392	43	12999	14.255	ug/l #	87
17) Carbon Disulfide	2.501	76	6916	2.367	ug/l	97
18) Methyl Acetate	2.709	43	6535	3.658	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	12834	2.832	ug/l	94
20) Methylene Chloride	2.788	84	5522	3.643	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	3848	2.770	ug/l	96
22) Diisopropyl ether	3.763	45	13098	2.959	ug/l	87
23) Vinyl Acetate	3.727	43	53072	13.405	ug/l	99
24) 1,1-Dichloroethane	3.611	63	7297	2.918	ug/l	98
25) 2-Butanone	4.574	43	16982	15.025	ug/l	99
26) 2,2-Dichloropropane	4.477	77	5604	2.681	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4656	2.831	ug/l	92
28) Bromochloromethane	4.897	49	3264	3.658	ug/l #	81
29) Tetrahydrofuran	5.025	42	11632	15.737	ug/l	97
30) Chloroform	5.092	83	7915	3.043	ug/l	95
31) Cyclohexane	5.470	56	5978	2.836	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	6720	2.839	ug/l	97
36) 1,1-Dichloropropene	5.696	75	5088	2.755	ug/l	95
37) Ethyl Acetate	4.727	43	7314	3.174	ug/l #	90
38) Carbon Tetrachloride	5.672	117	5569	2.632	ug/l	97
39) Methylcyclohexane	7.379	83	6128	2.824	ug/l	89
40) Benzene	6.037	78	16498	2.898	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041523.D
Acq On : 14 May 2024 16:45
Operator : JC/MD
Sample : P2403-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 15 01:56:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.928	41	2718	2.292 ug/l #	87
42) 1,2-Dichloroethane	6.092	62	6430	3.081 ug/l	96
43) Isopropyl Acetate	6.354	43	10129	2.923 ug/l	97
44) Trichloroethene	7.129	130	4430	2.946 ug/l	92
45) 1,2-Dichloropropane	7.427	63	3909	3.073 ug/l	92
46) Dibromomethane	7.580	93	2974	2.937 ug/l #	81
47) Bromodichloromethane	7.824	83	5038	2.792 ug/l	96
48) Methyl methacrylate	7.708	41	4935	3.107 ug/l	99
49) 1,4-Dioxane	7.677	88	1592	46.358 ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	31902	15.343 ug/l	100
52) Toluene	8.720	92	10425	2.993 ug/l	93
53) t-1,3-Dichloropropene	8.982	75	4563	2.552 ug/l #	88
54) cis-1,3-Dichloropropene	8.372	75	5186	2.614 ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	4276	3.188 ug/l	93
56) Ethyl methacrylate	9.122	69	6151	2.963 ug/l	97
57) 1,3-Dichloropropane	9.311	76	6883	3.075 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	13984	13.893 ug/l	93
59) 2-Hexanone	9.439	43	24991	15.031 ug/l	99
60) Dibromochloromethane	9.518	129	3798	2.405 ug/l	98
61) 1,2-Dibromoethane	9.610	107	4157	2.817 ug/l	98
64) Tetrachloroethene	9.275	164	4562	3.147 ug/l	95
65) Chlorobenzene	10.079	112	12289	3.024 ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	3903	2.718 ug/l	98
67) Ethyl Benzene	10.195	91	19061	2.843 ug/l	100
68) m/p-Xylenes	10.305	106	14813	5.518 ug/l	92
69) o-Xylene	10.640	106	7194	2.799 ug/l	99
70) Styrene	10.659	104	11267	2.671 ug/l	95
71) Bromoform	10.805	173	2945	2.292 ug/l #	94
73) Isopropylbenzene	10.963	105	18939	2.960 ug/l	98
74) N-amyl acetate	10.847	43	7861	2.812 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	6658	3.176 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	5749m	3.366 ug/l	
77) Bromobenzene	11.201	156	5801	3.213 ug/l	77
78) n-propylbenzene	11.305	91	19236	2.863 ug/l	97
79) 2-Chlorotoluene	11.366	91	13158	3.039 ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	14820	2.841 ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	1276m	2.035 ug/l	
82) 4-Chlorotoluene	11.457	91	13990	2.846 ug/l	94
83) tert-Butylbenzene	11.713	119	16495	2.953 ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	14884	2.836 ug/l	94
85) sec-Butylbenzene	11.890	105	18256	2.852 ug/l	95
86) p-Isopropyltoluene	12.012	119	15348	2.670 ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9722	2.962 ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	10176	3.009 ug/l	91
89) n-Butylbenzene	12.335	91	11069	2.395 ug/l	96
90) Hexachloroethane	12.536	117	2445	2.543 ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	10223	2.949 ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1290	2.663 ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	6001	2.476 ug/l	96
94) Hexachlorobutadiene	13.725	225	3275	2.706 ug/l	99
95) Naphthalene	13.780	128	17107	2.382 ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6295	2.542 ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041523.D
Acq On : 14 May 2024 16:45
Operator : JC/MD
Sample : P2403-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 15 01:56:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041523.D
Acq On : 14 May 2024 16:45
Operator : JC/MD
Sample : P2403-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 15 01:56:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024