

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041249.D
 Acq On : 26 Apr 2024 11:23
 Operator : JC/MD
 Sample : VX0426WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 27 02:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	226463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	261922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	159949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91818	42.592	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.180%		
35) Dibromofluoromethane	5.385	113	88964	55.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.680%		
50) Toluene-d8	8.647	98	241125	44.857	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.720%#		
62) 4-Bromofluorobenzene	11.079	95	118530	59.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30480	17.017	ug/l	97
3) Chloromethane	1.294	50	31210	16.094	ug/l	97
4) Vinyl Chloride	1.374	62	33122	17.080	ug/l	100
5) Bromomethane	1.599	94	16574	15.179	ug/l	100
6) Chloroethane	1.666	64	13139	17.834	ug/l	92
7) Trichlorofluoromethane	1.867	101	49939	16.619	ug/l	95
8) Diethyl Ether	2.136	74	18202	16.460	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	33703	19.063	ug/l #	86
10) Methyl Iodide	2.447	142	24499	11.491	ug/l #	88
11) Tert butyl alcohol	3.014	59	41830m	108.311	ug/l	
12) 1,1-Dichloroethene	2.313	96	30715	18.610	ug/l	84
13) Acrolein	2.239	56	28119	64.904	ug/l	96
14) Allyl chloride	2.660	41	52834	19.706	ug/l	97
15) Acrylonitrile	3.068	53	95431	96.700	ug/l	99
16) Acetone	2.386	43	92743	118.191	ug/l	95
17) Carbon Disulfide	2.502	76	63415	18.394	ug/l	98
18) Methyl Acetate	2.703	43	44871	19.331	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	112356	19.043	ug/l	99
20) Methylene Chloride	2.788	84	35773	18.667	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	32566	17.856	ug/l	87
22) Diisopropyl ether	3.764	45	110891	19.130	ug/l	90
23) Vinyl Acetate	3.721	43	496312	100.081	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61317	18.923	ug/l	97
25) 2-Butanone	4.562	43	134454	100.332	ug/l	94
26) 2,2-Dichloropropane	4.465	77	52037	19.001	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	41229	18.238	ug/l	90
28) Bromochloromethane	4.897	49	21315	17.334	ug/l #	73
29) Tetrahydrofuran	5.007	42	87844	96.220	ug/l	97
30) Chloroform	5.086	83	66060	18.994	ug/l	99
31) Cyclohexane	5.458	56	49616	17.101	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	56930	18.259	ug/l	97
36) 1,1-Dichloropropene	5.690	75	42548	20.871	ug/l	97
37) Ethyl Acetate	4.715	43	50683	22.661	ug/l	99
38) Carbon Tetrachloride	5.666	117	49986	21.953	ug/l	96
39) Methylcyclohexane	7.379	83	42100	15.570	ug/l	89
40) Benzene	6.031	78	105727	16.793	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041249.D
 Acq On : 26 Apr 2024 11:23
 Operator : JC/MD
 Sample : VX0426WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 27 02:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27813	23.886	ug/l	93
42) 1,2-Dichloroethane	6.086	62	42020	19.249	ug/l	96
43) Isopropyl Acetate	6.342	43	72688	20.175	ug/l	98
44) Trichloroethene	7.123	130	29962	16.369	ug/l	84
45) 1,2-Dichloropropane	7.427	63	25499	16.892	ug/l	98
46) Dibromomethane	7.580	93	20530	18.239	ug/l #	78
47) Bromodichloromethane	7.818	83	38314	18.466	ug/l	98
48) Methyl methacrylate	7.696	41	31597	18.541	ug/l	94
49) 1,4-Dioxane	7.671	88	13685	373.096	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	222093	98.481	ug/l	99
52) Toluene	8.714	92	68948	17.380	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	37452	18.402	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	40857	17.659	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	29208	18.868	ug/l	97
56) Ethyl methacrylate	9.116	69	44249	18.698	ug/l	96
57) 1,3-Dichloropropane	9.305	76	46388	18.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	108181	93.925	ug/l	92
59) 2-Hexanone	9.433	43	176051	101.801	ug/l	99
60) Dibromochloromethane	9.519	129	33383	18.681	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31175	18.771	ug/l	98
64) Tetrachloroethene	9.269	164	29237	16.859	ug/l	91
65) Chlorobenzene	10.079	112	83444	17.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30346	19.037	ug/l	97
67) Ethyl Benzene	10.195	91	136352	18.360	ug/l	97
68) m/p-Xylenes	10.299	106	107648	35.906	ug/l	95
69) o-Xylene	10.640	106	59339	20.350	ug/l	94
70) Styrene	10.653	104	100862	21.262	ug/l	96
71) Bromoform	10.799	173	32536	23.874	ug/l #	99
73) Isopropylbenzene	10.963	105	173601	17.444	ug/l	97
74) N-amyl acetate	10.842	43	73241	18.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58016	18.485	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47018m	18.245	ug/l	
77) Bromobenzene	11.195	156	50459	17.423	ug/l	78
78) n-propylbenzene	11.305	91	191273	17.799	ug/l	96
79) 2-Chlorotoluene	11.366	91	120698	17.749	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	146212	17.660	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15888	17.394	ug/l	99
82) 4-Chlorotoluene	11.451	91	135524	17.586	ug/l	92
83) tert-Butylbenzene	11.713	119	158250	17.849	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	147319	17.927	ug/l	95
85) sec-Butylbenzene	11.890	105	186518	18.217	ug/l	96
86) p-Isopropyltoluene	12.006	119	165015	18.289	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	91175	17.526	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	92393	17.310	ug/l	94
89) n-Butylbenzene	12.329	91	127682	18.638	ug/l	97
90) Hexachloroethane	12.536	117	26071	17.517	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	93764	17.995	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12692	19.273	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	65036	18.002	ug/l	95
94) Hexachlorobutadiene	13.725	225	32698	17.715	ug/l	99
95) Naphthalene	13.774	128	192425	18.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68390	17.972	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041249.D
Acq On : 26 Apr 2024 11:23
Operator : JC/MD
Sample : VX0426WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

Quant Time: Apr 27 02:13:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

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

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

