

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041190.D
 Acq On : 22 Apr 2024 15:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042224

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:34:57 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	5.543	168	260637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	353791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	122322	49.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.600%		
35) Dibromofluoromethane	5.379	113	108659	50.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.980%		
50) Toluene-d8	8.647	98	376623	51.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.740%		
62) 4-Bromofluorobenzene	11.079	95	145664	54.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101074	49.029	ug/l	99
3) Chloromethane	1.294	50	105262	47.162	ug/l	99
4) Vinyl Chloride	1.373	62	109679	49.141	ug/l	98
5) Bromomethane	1.599	94	60330	48.007	ug/l	96
6) Chloroethane	1.666	64	40802	48.120	ug/l	98
7) Trichlorofluoromethane	1.861	101	167327	48.384	ug/l	99
8) Diethyl Ether	2.136	74	60198	47.300	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.312	101	109463	53.797	ug/l #	85
10) Methyl Iodide	2.440	142	137493	56.034	ug/l #	88
11) Tert butyl alcohol	3.019	59	115100	258.952	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	102521	53.973	ug/l	85
13) Acrolein	2.239	56	112970	226.566	ug/l	98
14) Allyl chloride	2.654	41	168122	54.485	ug/l #	93
15) Acrylonitrile	3.068	53	298133	262.489	ug/l	99
16) Acetone	2.392	43	231349	256.172	ug/l	92
17) Carbon Disulfide	2.501	76	208829	52.629	ug/l	99
18) Methyl Acetate	2.702	43	133642	50.025	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	343280	50.554	ug/l	100
20) Methylene Chloride	2.782	84	111237	50.433	ug/l	89
21) trans-1,2-Dichloroethene	3.080	96	104128	49.607	ug/l	89
22) Diisopropyl ether	3.763	45	335241	50.249	ug/l #	83
23) Vinyl Acetate	3.715	43	1516493	265.704	ug/l	95
24) 1,1-Dichloroethane	3.599	63	188533	50.554	ug/l	96
25) 2-Butanone	4.562	43	397702	257.860	ug/l	93
26) 2,2-Dichloropropane	4.464	77	160391	50.887	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	128969	49.570	ug/l	88
28) Bromochloromethane	4.891	49	63727	45.029	ug/l #	70
29) Tetrahydrofuran	5.001	42	267861	254.932	ug/l	94
30) Chloroform	5.086	83	200098	49.989	ug/l	97
31) Cyclohexane	5.458	56	163708	49.026	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	181973	50.712	ug/l	96
36) 1,1-Dichloropropene	5.684	75	138043	50.132	ug/l	95
37) Ethyl Acetate	4.714	43	162027	53.632	ug/l	99
38) Carbon Tetrachloride	5.665	117	159397	51.827	ug/l	99
39) Methylcyclohexane	7.372	83	185628	50.824	ug/l	92
40) Benzene	6.031	78	424532	49.920	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041190.D
 Acq On : 22 Apr 2024 15:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042224

Quant Time: Apr 23 05:34:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	85934	54.637	ug/l	94
42) 1,2-Dichloroethane	6.080	62	147389	49.985	ug/l	94
43) Isopropyl Acetate	6.342	43	249459	51.259	ug/l	95
44) Trichloroethene	7.122	130	124037	50.167	ug/l	84
45) 1,2-Dichloropropane	7.421	63	101641	49.848	ug/l	99
46) Dibromomethane	7.574	93	78332	51.519	ug/l #	75
47) Bromodichloromethane	7.817	83	149086	53.196	ug/l	97
48) Methyl methacrylate	7.689	41	123759	53.764	ug/l	92
49) 1,4-Dioxane	7.671	88	53594	1081.724	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	818405	268.664	ug/l	96
52) Toluene	8.714	92	281320	52.499	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	152988	55.652	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	167841	53.707	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	109690	52.460	ug/l	97
56) Ethyl methacrylate	9.116	69	178956	55.984	ug/l	93
57) 1,3-Dichloropropane	9.305	76	178773	51.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	386305	248.305	ug/l	91
59) 2-Hexanone	9.433	43	638157	273.190	ug/l	94
60) Dibromochloromethane	9.518	129	133033	55.115	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117880	52.546	ug/l	98
64) Tetrachloroethene	9.268	164	124654	50.856	ug/l	89
65) Chlorobenzene	10.079	112	328454	49.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	117465	52.139	ug/l	98
67) Ethyl Benzene	10.189	91	535721	51.037	ug/l	98
68) m/p-Xylenes	10.299	106	433972	102.416	ug/l	90
69) o-Xylene	10.640	106	214139	51.960	ug/l	91
70) Styrene	10.652	104	361327	53.892	ug/l	95
71) Bromoform	10.799	173	110664	57.453	ug/l #	100
73) Isopropylbenzene	10.963	105	556941	49.511	ug/l	96
74) N-amyl acetate	10.841	43	231234	52.305	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	176026	49.621	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	142543m	48.936	ug/l	
77) Bromobenzene	11.195	156	160032	48.888	ug/l	77
78) n-propylbenzene	11.305	91	613178	50.483	ug/l	95
79) 2-Chlorotoluene	11.366	91	372580	48.474	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	472540	50.494	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	53966	52.270	ug/l	90
82) 4-Chlorotoluene	11.451	91	430696	49.447	ug/l	91
83) tert-Butylbenzene	11.713	119	508374	50.728	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	473015	50.925	ug/l	93
85) sec-Butylbenzene	11.890	105	599523	51.805	ug/l	94
86) p-Isopropyltoluene	12.006	119	537333	52.689	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	291090	49.504	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	293727	48.685	ug/l	94
89) n-Butylbenzene	12.329	91	420351	54.286	ug/l	96
90) Hexachloroethane	12.536	117	88223	52.443	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	296467	50.338	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38714	52.011	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	214153	52.444	ug/l	96
94) Hexachlorobutadiene	13.725	225	109720	52.591	ug/l	99
95) Naphthalene	13.774	128	614714	52.393	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	218991	50.913	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
Data File : VX041190.D
Acq On : 22 Apr 2024 15:18
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042224

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/23/2024
Supervised By :Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:34:57 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

