

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041502.D
 Acq On : 13 May 2024 18:54
 Operator : JC/MD
 Sample : P2445-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-01B-83-050924MS

Quant Time: May 14 01:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	160478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	237837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102908	58.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.800%#
35) Dibromofluoromethane	5.385	113	84119	52.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	8.647	98	253802	49.752	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	101906	51.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	62287	47.235	ug/l	100
3) Chloromethane	1.300	50	63955	46.870	ug/l	99
4) Vinyl Chloride	1.374	62	67628	51.991	ug/l	99
5) Bromomethane	1.599	94	46118	56.555	ug/l	98
6) Chloroethane	1.666	64	38540	63.813	ug/l	98
7) Trichlorofluoromethane	1.867	101	117683	52.466	ug/l	99
8) Diethyl Ether	2.136	74	46514	58.835	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	69955	55.491	ug/l	88
10) Methyl Iodide	2.447	142	91100	67.143	ug/l	93
11) Tert butyl alcohol	3.020	59	128352	367.064	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	73318	58.957	ug/l	90
13) Acrolein	2.239	56	110431	398.091	ug/l	96
14) Allyl chloride	2.660	41	129311	61.892	ug/l	99
15) Acrylonitrile	3.068	53	257703	322.913	ug/l	99
16) Acetone	2.392	43	235207	306.617	ug/l	97
17) Carbon Disulfide	2.501	76	133301	45.600	ug/l	98
18) Methyl Acetate	2.709	43	116801	65.347	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	267366	58.978	ug/l	100
20) Methylene Chloride	2.788	84	84590	55.774	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	75142	54.068	ug/l	92
22) Diisopropyl ether	3.763	45	265505	59.962	ug/l	94
23) Vinyl Acetate	3.721	43	1197771	302.399	ug/l	97
24) 1,1-Dichloroethane	3.605	63	148691	59.440	ug/l	97
25) 2-Butanone	4.568	43	374719	331.398	ug/l	98
26) 2,2-Dichloropropane	4.471	77	110811	52.981	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	96929	58.906	ug/l	91
28) Bromochloromethane	4.897	49	48682	54.529	ug/l	# 82
29) Tetrahydrofuran	5.013	42	236019	319.166	ug/l	96
30) Chloroform	5.092	83	156877	60.278	ug/l	96
31) Cyclohexane	5.464	56	104762	49.685	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	135568	57.255	ug/l	98
36) 1,1-Dichloropropene	5.690	75	96509	50.076	ug/l	96
37) Ethyl Acetate	4.721	43	136431	56.734	ug/l	99
38) Carbon Tetrachloride	5.672	117	115546	52.334	ug/l	98
39) Methylcyclohexane	7.379	83	105059	46.401	ug/l	95
40) Benzene	6.031	78	318554	53.617	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041502.D
 Acq On : 13 May 2024 18:54
 Operator : JC/MD
 Sample : P2445-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-01B-83-050924MS

Quant Time: May 14 01:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73689	59.539	ug/l	95
42) 1,2-Dichloroethane	6.086	62	122470	56.246	ug/l	96
43) Isopropyl Acetate	6.342	43	205744	56.904	ug/l	98
44) Trichloroethene	7.123	130	87187	55.574	ug/l	90
45) 1,2-Dichloropropane	7.427	63	78787	59.353	ug/l	99
46) Dibromomethane	7.580	93	60039	56.816	ug/l #	80
47) Bromodichloromethane	7.824	83	115718	61.451	ug/l	98
48) Methyl methacrylate	7.696	41	104606	63.113	ug/l	96
49) 1,4-Dioxane	7.671	88	47096	1314.267	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	726872	335.032	ug/l	99
52) Toluene	8.714	92	198175	54.527	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	111147	50.736	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	119616	57.779	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	85536	61.113	ug/l	97
56) Ethyl methacrylate	9.116	69	138826	64.089	ug/l	99
57) 1,3-Dichloropropane	9.305	76	140528	60.160	ug/l	99
59) 2-Hexanone	9.433	43	574974	331.425	ug/l	98
60) Dibromochloromethane	9.518	129	96736	58.709	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89787	58.310	ug/l	99
64) Tetrachloroethene	9.275	164	79663	56.669	ug/l	90
65) Chlorobenzene	10.079	112	209078	53.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	77265	55.488	ug/l	98
67) Ethyl Benzene	10.195	91	354922	54.587	ug/l	98
68) m/p-Xylenes	10.299	106	285530	109.663	ug/l	94
69) o-Xylene	10.640	106	139674	56.026	ug/l	96
70) Styrene	10.652	104	239418	58.525	ug/l	95
71) Bromoform	10.799	173	69787	56.001	ug/l #	99
73) Isopropylbenzene	10.963	105	356079	48.236	ug/l	97
74) N-amyl acetate	10.841	43	164435	50.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	137355	56.783	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	109292m	55.454	ug/l	
77) Bromobenzene	11.195	156	107584	51.636	ug/l	79
78) n-propylbenzene	11.305	91	418677	54.000	ug/l	95
79) 2-Chlorotoluene	11.366	91	271779	54.395	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	328802	54.638	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	36923	51.031	ug/l	97
82) 4-Chlorotoluene	11.451	91	313083	55.196	ug/l	93
83) tert-Butylbenzene	11.713	119	370240	57.453	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	332223	54.867	ug/l	94
85) sec-Butylbenzene	11.890	105	416031	56.334	ug/l	96
86) p-Isopropyltoluene	12.006	119	363501	54.805	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	205578	54.285	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	209460	53.684	ug/l	95
89) n-Butylbenzene	12.329	91	284340	53.314	ug/l	98
90) Hexachloroethane	12.536	117	60522	54.564	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	216155	54.038	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33572	60.061	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	140657	50.306	ug/l	96
94) Hexachlorobutadiene	13.725	225	65729	47.075	ug/l	98
95) Naphthalene	13.774	128	453640	54.749	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146646	51.318	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041502.D
Acq On : 13 May 2024 18:54
Operator : JC/MD
Sample : P2445-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-01B-83-050924MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

Quant Time: May 14 01:37:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

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

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

