

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034480.D
 Acq On : 15 Mar 2023 03:47
 Operator : JC/MD
 Sample : VX0314WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Quant Time: Mar 15 06:58:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196491	49.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.780%		
35) Dibromofluoromethane	5.385	113	153518	49.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	8.647	98	584355	50.464	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.920%		
62) 4-Bromofluorobenzene	11.079	95	221724	47.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45324	17.777	ug/l	98
3) Chloromethane	1.307	50	66972	16.460	ug/l	98
4) Vinyl Chloride	1.374	62	63578	18.314	ug/l	99
5) Bromomethane	1.605	94	42129	24.052	ug/l	97
6) Chloroethane	1.685	64	39519	19.771	ug/l	97
7) Trichlorofluoromethane	1.886	101	102804	19.708	ug/l	96
8) Diethyl Ether	2.130	74	37621	19.757	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	54311	17.866	ug/l	98
10) Methyl Iodide	2.453	142	75837	19.001	ug/l	98
11) Tert butyl alcohol	2.953	59	75170	90.729	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53165	17.758	ug/l	100
13) Acrolein	2.233	56	69078	105.394	ug/l	99
14) Allyl chloride	2.660	41	100719	16.594	ug/l	99
15) Acrylonitrile	3.063	53	168554	94.179	ug/l	98
16) Acetone	2.374	43	146365	78.099	ug/l	98
17) Carbon Disulfide	2.514	76	130302	15.466	ug/l	98
18) Methyl Acetate	2.703	43	115314	18.831	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	193350	18.037	ug/l	99
20) Methylene Chloride	2.788	84	62848	17.279	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57655	18.133	ug/l	94
22) Diisopropyl ether	3.758	45	217213	18.770	ug/l	99
23) Vinyl Acetate	3.721	43	811634	92.154	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112928	18.153	ug/l	99
25) 2-Butanone	4.550	43	242498	90.431	ug/l	100
26) 2,2-Dichloropropane	4.471	77	80388	14.866	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70424	18.400	ug/l	97
28) Bromochloromethane	4.898	49	63015	21.786	ug/l	99
29) Tetrahydrofuran	5.001	42	158653	95.881	ug/l	99
30) Chloroform	5.093	83	112807	18.499	ug/l	94
31) Cyclohexane	5.471	56	99125	17.765	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	99008	18.341	ug/l	100
36) 1,1-Dichloropropene	5.690	75	81997	17.211	ug/l	98
37) Ethyl Acetate	4.709	43	93397	17.944	ug/l	99
38) Carbon Tetrachloride	5.678	117	81667	17.231	ug/l	99
39) Methylcyclohexane	7.379	83	97081	17.027	ug/l	96
40) Benzene	6.038	78	251545	18.048	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034480.D
 Acq On : 15 Mar 2023 03:47
 Operator : JC/MD
 Sample : VX0314WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Quant Time: Mar 15 06:58:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2023
 Supervised By : Mahesh Dadoda 03/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51767	18.148	ug/l	99
42) 1,2-Dichloroethane	6.086	62	94175	18.385	ug/l	100
43) Isopropyl Acetate	6.336	43	157701	17.885	ug/l	100
44) Trichloroethene	7.123	130	64122	17.707	ug/l	96
45) 1,2-Dichloropropane	7.428	63	64775	17.800	ug/l	95
46) Dibromomethane	7.580	93	44952	18.169	ug/l	98
47) Bromodichloromethane	7.818	83	83951	17.533	ug/l	97
48) Methyl methacrylate	7.690	41	75843	17.885	ug/l	99
49) 1,4-Dioxane	7.659	88	37581	421.923	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	491613	96.111	ug/l	99
52) Toluene	8.720	92	157526	18.256	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89309	16.556	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	98859	16.939	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	64141	18.730	ug/l	96
56) Ethyl methacrylate	9.116	69	100748	17.919	ug/l	99
57) 1,3-Dichloropropane	9.305	76	113013	18.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233158	80.465	ug/l	99
59) 2-Hexanone	9.427	43	369663	93.491	ug/l	99
60) Dibromochloromethane	9.519	129	62545	17.415	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66646	18.035	ug/l	99
64) Tetrachloroethene	9.275	164	52262	18.215	ug/l	97
65) Chlorobenzene	10.080	112	169492	18.086	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	61187	17.927	ug/l	99
67) Ethyl Benzene	10.195	91	304623	18.157	ug/l	98
68) m/p-Xylenes	10.299	106	232471	36.071	ug/l	99
69) o-Xylene	10.640	106	113570	17.560	ug/l	96
70) Styrene	10.653	104	185692	17.795	ug/l	99
71) Bromoform	10.799	173	43614	16.600	ug/l #	100
73) Isopropylbenzene	10.964	105	297540	18.341	ug/l	100
74) N-amyl acetate	10.842	43	142823	18.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	104182	19.246	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84498m	17.533	ug/l	
77) Bromobenzene	11.195	156	72920	18.735	ug/l	95
78) n-propylbenzene	11.305	91	345080	18.419	ug/l	99
79) 2-Chlorotoluene	11.366	91	215244	18.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	252273	18.540	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25489	14.308	ug/l	92
82) 4-Chlorotoluene	11.451	91	243153	18.244	ug/l	99
83) tert-Butylbenzene	11.713	119	252150	18.380	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	248583	17.876	ug/l	97
85) sec-Butylbenzene	11.890	105	309495	18.453	ug/l	99
86) p-Isopropyltoluene	12.012	119	254761	18.073	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	135228	17.733	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	136239	17.668	ug/l	98
89) n-Butylbenzene	12.329	91	219776	17.538	ug/l	98
90) Hexachloroethane	12.536	117	44766	17.163	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	135370	18.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21352	17.361	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	81114	17.600	ug/l	99
94) Hexachlorobutadiene	13.725	225	31856	17.158	ug/l	100
95) Naphthalene	13.774	128	285147	18.451	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82326	18.274	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
Data File : VX034480.D
Acq On : 15 Mar 2023 03:47
Operator : JC/MD
Sample : VX0314WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/15/2023
Supervised By : Mahesh Dadoda 03/15/2023

Quant Time: Mar 15 06:58:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

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

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

