

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034157.D
 Acq On : 17 Feb 2023 14:44
 Operator : JC/MD
 Sample : VX0217WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 17 15:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	393407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	659389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	588362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	269692	50.902	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.800%			
35) Dibromofluoromethane	5.385	113	218346	50.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	815852	52.928	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.860%			
62) 4-Bromofluorobenzene	11.079	95	317614	53.869	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69114	20.331	ug/l	97
3) Chloromethane	1.294	50	99807	20.402	ug/l	98
4) Vinyl Chloride	1.374	62	91432	20.523	ug/l	98
5) Bromomethane	1.605	94	52419	28.164	ug/l	98
6) Chloroethane	1.685	64	48579	21.689	ug/l	96
7) Trichlorofluoromethane	1.886	101	123654	20.515	ug/l	98
8) Diethyl Ether	2.130	74	49310	20.306	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	82976	19.548	ug/l	92
10) Methyl Iodide	2.453	142	97155	18.798	ug/l	94
11) Tert butyl alcohol	2.953	59	114795	96.871	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	81884	19.244	ug/l	98
13) Acrolein	2.233	56	52480	97.016	ug/l	97
14) Allyl chloride	2.666	41	171972	19.053	ug/l	88
15) Acrylonitrile	3.056	53	272867	105.551	ug/l	98
16) Acetone	2.374	43	240017	87.818	ug/l	93
17) Carbon Disulfide	2.514	76	237779	19.436	ug/l	98
18) Methyl Acetate	2.703	43	180104	21.297	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	302693	20.155	ug/l	99
20) Methylene Chloride	2.788	84	93969	19.082	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	89466	20.065	ug/l	98
22) Diisopropyl ether	3.757	45	332084	20.986	ug/l	98
23) Vinyl Acetate	3.721	43	1353010	106.720	ug/l	99
24) 1,1-Dichloroethane	3.611	63	169069	19.462	ug/l	99
25) 2-Butanone	4.550	43	392818	99.333	ug/l	98
26) 2,2-Dichloropropane	4.477	77	148145	18.825	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	104468	19.786	ug/l	94
28) Bromochloromethane	4.897	49	82427	21.270	ug/l	85
29) Tetrahydrofuran	5.001	42	254168	105.357	ug/l	97
30) Chloroform	5.093	83	163271	19.573	ug/l	99
31) Cyclohexane	5.471	56	159755	20.196	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	143160	19.145	ug/l	99
36) 1,1-Dichloropropene	5.696	75	122860	19.350	ug/l	98
37) Ethyl Acetate	4.708	43	151552	21.357	ug/l	99
38) Carbon Tetrachloride	5.678	117	124226	19.014	ug/l	99
39) Methylcyclohexane	7.379	83	162044	19.832	ug/l	99
40) Benzene	6.037	78	374568	19.907	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034157.D
 Acq On : 17 Feb 2023 14:44
 Operator : JC/MD
 Sample : VX0217WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0217WBSD01

Quant Time: Feb 17 15:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	83496	21.119	ug/l	98
42) 1,2-Dichloroethane	6.086	62	131157	19.819	ug/l	100
43) Isopropyl Acetate	6.336	43	259087	20.691	ug/l	99
44) Trichloroethene	7.123	130	95710	19.822	ug/l	86
45) 1,2-Dichloropropane	7.427	63	101331	20.230	ug/l	98
46) Dibromomethane	7.580	93	66252	20.098	ug/l	87
47) Bromodichloromethane	7.818	83	132391	19.570	ug/l	95
48) Methyl methacrylate	7.690	41	123716	20.816	ug/l	99
49) 1,4-Dioxane	7.653	88	46473	392.022	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	768251	111.513	ug/l	99
52) Toluene	8.720	92	233394	20.471	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	156662	20.118	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	164706	19.757	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	94503	20.535	ug/l	99
56) Ethyl methacrylate	9.116	69	161753	20.777	ug/l	97
57) 1,3-Dichloropropane	9.305	76	165715	20.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	341785	101.348	ug/l	95
59) 2-Hexanone	9.427	43	576558	109.812	ug/l	99
60) Dibromochloromethane	9.519	129	103001	20.256	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100863	20.724	ug/l	100
64) Tetrachloroethene	9.275	164	80048	19.277	ug/l	94
65) Chlorobenzene	10.079	112	243389	19.845	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	92518	19.486	ug/l	98
67) Ethyl Benzene	10.195	91	443472	20.127	ug/l	100
68) m/p-Xylenes	10.299	106	338870	40.189	ug/l	95
69) o-Xylene	10.640	106	168984	20.130	ug/l	95
70) Styrene	10.653	104	279148	20.447	ug/l	97
71) Bromoform	10.799	173	75785	19.555	ug/l #	98
73) Isopropylbenzene	10.963	105	429809	20.004	ug/l	100
74) N-amyl acetate	10.842	43	226500	20.983	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	150411	20.467	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126612m	14.519	ug/l	
77) Bromobenzene	11.195	156	100985	19.530	ug/l	81
78) n-propylbenzene	11.305	91	510164	20.415	ug/l	97
79) 2-Chlorotoluene	11.366	91	308102	20.107	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	362640	20.074	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	55113	19.958	ug/l	90
82) 4-Chlorotoluene	11.457	91	347518	19.912	ug/l	96
83) tert-Butylbenzene	11.713	119	359435	19.427	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	363806	19.918	ug/l	97
85) sec-Butylbenzene	11.890	105	452062	20.120	ug/l	98
86) p-Isopropyltoluene	12.006	119	371284	19.968	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	193342	19.938	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	193619	19.987	ug/l	96
89) n-Butylbenzene	12.335	91	332260	20.062	ug/l	98
90) Hexachloroethane	12.536	117	75711	19.474	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	190182	20.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33952	19.374	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	119880	19.680	ug/l	98
94) Hexachlorobutadiene	13.725	225	49193	19.481	ug/l	99
95) Naphthalene	13.774	128	419426	20.440	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121752	20.133	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
Data File : VX034157.D
Acq On : 17 Feb 2023 14:44
Operator : JC/MD
Sample : VX0217WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0217WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

Quant Time: Feb 17 15:09:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

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

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

