

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027675.D
 Acq On : 23 Mar 2022 18:11
 Operator : JC/MD
 Sample : VX0323WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 04:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	332645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	522482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204161	49.821	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.640%		
35) Dibromofluoromethane	5.391	113	176927	52.633	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.260%		
50) Toluene-d8	8.653	98	650789	51.161	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.320%		
62) 4-Bromofluorobenzene	11.085	95	239633	51.253	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	61895	19.385	ug/l	100
3) Chloromethane	1.294	50	55723	19.659	ug/l	96
4) Vinyl Chloride	1.373	62	62989	19.234	ug/l	99
5) Bromomethane	1.599	94	36585	18.375	ug/l	99
6) Chloroethane	1.684	64	38616	19.215	ug/l	99
7) Trichlorofluoromethane	1.885	101	93795	17.350	ug/l	97
8) Diethyl Ether	2.135	74	37358	18.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	63205	19.633	ug/l	95
10) Methyl Iodide	2.452	142	56028	13.148	ug/l	99
11) Tert butyl alcohol	2.965	59	74164	94.964	ug/l	100
12) 1,1-Dichloroethene	2.318	96	59465	19.252	ug/l	94
13) Acrolein	2.239	56	31883	52.609	ug/l	99
14) Allyl chloride	2.666	41	88327	18.274	ug/l	96
15) Acrylonitrile	3.068	53	185619	104.544	ug/l	99
16) Acetone	2.379	43	150616	90.172	ug/l	95
17) Carbon Disulfide	2.513	76	132501	16.858	ug/l	100
18) Methyl Acetate	2.702	43	74479	18.605	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	201792	19.363	ug/l	97
20) Methylene Chloride	2.788	84	67906	18.909	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63468	19.263	ug/l	100
22) Diisopropyl ether	3.763	45	188701	19.991	ug/l #	86
23) Vinyl Acetate	3.727	43	798125	97.228	ug/l	97
24) 1,1-Dichloroethane	3.611	63	112521	19.599	ug/l	98
25) 2-Butanone	4.562	43	250681	99.753	ug/l	97
26) 2,2-Dichloropropane	4.483	77	84596	18.045	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	77033	20.160	ug/l	96
28) Bromochloromethane	4.897	49	47951	20.705	ug/l	93
29) Tetrahydrofuran	5.007	42	166036	102.992	ug/l	92
30) Chloroform	5.098	83	123884	19.562	ug/l	96
31) Cyclohexane	5.470	56	97647	19.190	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	108504	18.818	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87737	19.099	ug/l	98
37) Ethyl Acetate	4.720	43	93486	20.423	ug/l	99
38) Carbon Tetrachloride	5.677	117	96087	18.283	ug/l	97
39) Methylcyclohexane	7.384	83	106825	18.492	ug/l	97
40) Benzene	6.043	78	263779	20.015	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027675.D
 Acq On : 23 Mar 2022 18:11
 Operator : JC/MD
 Sample : VX0323WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Quant Time: Mar 24 04:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51067	20.456	ug/l	95
42) 1,2-Dichloroethane	6.092	62	97142	19.667	ug/l	98
43) Isopropyl Acetate	6.342	43	141647	19.227	ug/l	97
44) Trichloroethene	7.128	130	74699	18.671	ug/l	93
45) 1,2-Dichloropropane	7.433	63	66020	19.667	ug/l	97
46) Dibromomethane	7.586	93	49307	19.228	ug/l	98
47) Bromodichloromethane	7.823	83	89977	18.635	ug/l	99
48) Methyl methacrylate	7.695	41	73187	20.074	ug/l	91
49) 1,4-Dioxane	7.659	88	37055	395.710	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	493448	104.928	ug/l	94
52) Toluene	8.720	92	175666	19.891	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	91862	18.537	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101085	18.742	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	71962	20.012	ug/l	99
56) Ethyl methacrylate	9.116	69	105166	19.547	ug/l	90
57) 1,3-Dichloropropane	9.311	76	119772	20.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	280503	102.264	ug/l	98
59) 2-Hexanone	9.433	43	381413	105.305	ug/l	92
60) Dibromochloromethane	9.524	129	72711	18.369	ug/l	98
61) 1,2-Dibromoethane	9.610	107	76514	19.360	ug/l	99
64) Tetrachloroethene	9.274	164	66017	17.796	ug/l	97
65) Chlorobenzene	10.079	112	192916	19.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	70788	19.331	ug/l	98
67) Ethyl Benzene	10.195	91	333663	19.862	ug/l	98
68) m/p-Xylenes	10.305	106	264120	39.929	ug/l	100
69) o-Xylene	10.646	106	130097	20.257	ug/l	99
70) Styrene	10.658	104	214457	20.441	ug/l	99
71) Bromoform	10.798	173	53015	18.122	ug/l #	99
73) Isopropylbenzene	10.963	105	336910	19.076	ug/l	100
74) N-amyl acetate	10.847	43	124461	19.874	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	110555	19.762	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	100122m	19.741	ug/l	
77) Bromobenzene	11.201	156	85329	19.168	ug/l	95
78) n-propylbenzene	11.305	91	373921	19.287	ug/l	97
79) 2-Chlorotoluene	11.365	91	231313	19.020	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	291153	19.587	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26573	15.912	ug/l #	81
82) 4-Chlorotoluene	11.457	91	263657	19.041	ug/l	98
83) tert-Butylbenzene	11.719	119	295912	20.095	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	294842	19.889	ug/l	100
85) sec-Butylbenzene	11.890	105	352214	19.793	ug/l	100
86) p-Isopropyltoluene	12.012	119	305078	19.960	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161434	19.572	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162157	19.430	ug/l	99
89) n-Butylbenzene	12.335	91	234291	18.368	ug/l	97
90) Hexachloroethane	12.542	117	41317	16.951	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	157076	19.504	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21371	16.656	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	94517	18.310	ug/l	99
94) Hexachlorobutadiene	13.725	225	41678	18.278	ug/l	93
95) Naphthalene	13.780	128	330761	19.683	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96426	18.467	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
Data File : VX027675.D
Acq On : 23 Mar 2022 18:11
Operator : JC/MD
Sample : VX0323WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/24/2022
Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 04:36:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

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

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

