

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028779.D
 Acq On : 18 May 2022 00:16
 Operator : JC/MD
 Sample : VX0517WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS03

Quant Time: May 18 04:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	212103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150875	51.893	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.780%			
35) Dibromofluoromethane	5.391	113	121306	50.616	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.240%			
50) Toluene-d8	8.653	98	442280	48.949	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.900%			
62) 4-Bromofluorobenzene	11.079	95	211643	62.712	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 125.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	52002	18.724	ug/l	95
3) Chloromethane	1.288	50	48501	18.543	ug/l	100
4) Vinyl Chloride	1.374	62	53550	18.998	ug/l	99
5) Bromomethane	1.605	94	37633	15.008	ug/l	98
6) Chloroethane	1.685	64	36817	19.388	ug/l	96
7) Trichlorofluoromethane	1.886	101	98103	21.830	ug/l	100
8) Diethyl Ether	2.136	74	35295	21.555	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	43878	18.555	ug/l	98
10) Methyl Iodide	2.453	142	51139	18.063	ug/l	94
11) Tert butyl alcohol	2.965	59	58698	90.026	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42884	19.536	ug/l	98
13) Acrolein	2.239	56	39558	82.892	ug/l	98
14) Allyl chloride	2.666	41	66721	18.951	ug/l	90
15) Acrylonitrile	3.063	53	135626	96.819	ug/l	99
16) Acetone	2.380	43	117794	94.401	ug/l	92
17) Carbon Disulfide	2.514	76	104531	18.370	ug/l	100
18) Methyl Acetate	2.703	43	62547	20.013	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	156006	20.027	ug/l	97
20) Methylene Chloride	2.788	84	50058	19.122	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	46751	18.907	ug/l	99
22) Diisopropyl ether	3.757	45	147872	19.654	ug/l #	69
23) Vinyl Acetate	3.721	43	647813	99.877	ug/l	96
24) 1,1-Dichloroethane	3.611	63	85933	19.646	ug/l	99
25) 2-Butanone	4.556	43	187139	95.545	ug/l	97
26) 2,2-Dichloropropane	4.477	77	55590	16.209	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	56485	19.559	ug/l	98
28) Bromochloromethane	4.898	49	36478	19.813	ug/l	93
29) Tetrahydrofuran	5.007	42	120896	94.959	ug/l	93
30) Chloroform	5.099	83	93842	19.824	ug/l	96
31) Cyclohexane	5.471	56	75305	18.660	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	81871	19.811	ug/l	99
36) 1,1-Dichloropropene	5.696	75	65959	18.324	ug/l	99
37) Ethyl Acetate	4.715	43	72020	19.156	ug/l	99
38) Carbon Tetrachloride	5.678	117	68304	18.855	ug/l	99
39) Methylcyclohexane	7.385	83	75482	18.285	ug/l	96
40) Benzene	6.044	78	196800	19.023	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38478	19.087	ug/l	94
42) 1,2-Dichloroethane	6.092	62	74045	19.404	ug/l	98
43) Isopropyl Acetate	6.342	43	114509	19.468	ug/l	95
44) Trichloroethene	7.129	130	52866	18.842	ug/l	97
45) 1,2-Dichloropropane	7.434	63	50146	19.428	ug/l	99
46) Dibromomethane	7.580	93	36809	19.096	ug/l	94
47) Bromodichloromethane	7.824	83	70241	19.628	ug/l	96
48) Methyl methacrylate	7.696	41	55791	19.635	ug/l	86
49) 1,4-Dioxane	7.665	88	25791	363.339	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	373642	96.440	ug/l	93
52) Toluene	8.720	92	126842	19.060	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66662	17.292	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	74368	18.469	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	52130	19.210	ug/l	97
56) Ethyl methacrylate	9.116	69	86091	20.950	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	87342	19.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	211052	104.902	ug/l	99
59) 2-Hexanone	9.433	43	287034	95.357	ug/l	90
60) Dibromochloromethane	9.525	129	50802	19.196	ug/l	94
61) 1,2-Dibromoethane	9.610	107	57796	20.278	ug/l	99
64) Tetrachloroethene	9.275	164	47973	15.820	ug/l	96
65) Chlorobenzene	10.080	112	163423	19.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61411	20.351	ug/l	98
67) Ethyl Benzene	10.195	91	296215	19.400	ug/l	100
68) m/p-Xylenes	10.305	106	227608	38.288	ug/l	95
69) o-Xylene	10.640	106	113062	19.318	ug/l	96
70) Styrene	10.659	104	186379	19.609	ug/l	96
71) Bromoform	10.799	173	42137	18.076	ug/l #	97
73) Isopropylbenzene	10.964	105	296228	19.560	ug/l	98
74) N-amyl acetate	10.842	43	109623	18.414	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	98697	18.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91072m	19.473	ug/l	
77) Bromobenzene	11.201	156	70853	19.773	ug/l	95
78) n-propylbenzene	11.305	91	334800	19.112	ug/l	100
79) 2-Chlorotoluene	11.366	91	209025	19.468	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	256274	20.308	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21887	16.750	ug/l #	74
82) 4-Chlorotoluene	11.457	91	242216	19.514	ug/l	98
83) tert-Butylbenzene	11.713	119	246094	20.142	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	252944	19.989	ug/l	98
85) sec-Butylbenzene	11.890	105	295126	19.582	ug/l	99
86) p-Isopropyltoluene	12.012	119	249969	19.766	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	132771	18.890	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	132931	18.234	ug/l	97
89) n-Butylbenzene	12.335	91	201719	18.409	ug/l	97
90) Hexachloroethane	12.543	117	38691	18.919	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	135944	19.689	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23641	21.310	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	81808	20.514	ug/l	97
94) Hexachlorobutadiene	13.725	225	33059	20.406	ug/l	92
95) Naphthalene	13.774	128	294682	20.765	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80473	20.092	ug/l	96

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

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