

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028751.D
 Acq On : 17 May 2022 12:39
 Operator : JC/MD
 Sample : VX0517WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBS01

Quant Time: May 18 04:46:43 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	5.550	168	209676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151397	52.675	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.360%			
35) Dibromofluoromethane	5.385	113	123708	54.730	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.460%			
50) Toluene-d8	8.647	98	467187	54.822	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.640%			
62) 4-Bromofluorobenzene	11.079	95	171410	53.852	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	60100	21.890	ug/l	98
3) Chloromethane	1.288	50	54646	21.135	ug/l	98
4) Vinyl Chloride	1.374	62	60705	21.786	ug/l	99
5) Bromomethane	1.599	94	41194	17.286	ug/l	97
6) Chloroethane	1.685	64	40047	21.564	ug/l	98
7) Trichlorofluoromethane	1.886	101	112341	25.288	ug/l	96
8) Diethyl Ether	2.136	74	40260	24.871	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	51161	21.885	ug/l	94
10) Methyl Iodide	2.453	142	52077	18.607	ug/l	95
11) Tert butyl alcohol	2.959	59	59914	93.222	ug/l	100
12) 1,1-Dichloroethene	2.319	96	46935	21.629	ug/l	93
13) Acrolein	2.233	56	44968	95.319	ug/l	97
14) Allyl chloride	2.660	41	74751	21.477	ug/l	91
15) Acrylonitrile	3.063	53	149126	107.689	ug/l	98
16) Acetone	2.380	43	151517	122.832	ug/l	93
17) Carbon Disulfide	2.514	76	111923	19.896	ug/l	98
18) Methyl Acetate	2.703	43	68512	22.176	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	167209	21.713	ug/l	100
20) Methylene Chloride	2.788	84	54720	21.145	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	52407	21.440	ug/l	98
22) Diisopropyl ether	3.757	45	161836	21.759	ug/l #	79
23) Vinyl Acetate	3.721	43	712444	111.113	ug/l	95
24) 1,1-Dichloroethane	3.611	63	94210	21.788	ug/l	99
25) 2-Butanone	4.550	43	214719	110.895	ug/l	93
26) 2,2-Dichloropropane	4.471	77	73642	21.722	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60223	21.095	ug/l	97
28) Bromochloromethane	4.898	49	39186	21.530	ug/l	94
29) Tetrahydrofuran	5.001	42	132415	105.210	ug/l	93
30) Chloroform	5.099	83	101653	21.722	ug/l	97
31) Cyclohexane	5.471	56	84830	21.263	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	87954	21.529	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74855	22.049	ug/l	98
37) Ethyl Acetate	4.709	43	79377	22.385	ug/l	97
38) Carbon Tetrachloride	5.678	117	75874	22.207	ug/l	98
39) Methylcyclohexane	7.385	83	92155	23.669	ug/l	99
40) Benzene	6.038	78	215966	22.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41612	21.886	ug/l	94
42) 1,2-Dichloroethane	6.086	62	80415	22.344	ug/l	98
43) Isopropyl Acetate	6.342	43	124304	22.407	ug/l	94
44) Trichloroethene	7.129	130	58511	22.111	ug/l	95
45) 1,2-Dichloropropane	7.434	63	54305	22.307	ug/l	97
46) Dibromomethane	7.580	93	40586	22.325	ug/l	92
47) Bromodichloromethane	7.824	83	75275	22.302	ug/l	99
48) Methyl methacrylate	7.690	41	59333	22.140	ug/l	87
49) 1,4-Dioxane	7.659	88	28736	429.225	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	414060	113.313	ug/l	93
52) Toluene	8.720	92	141748	22.584	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	76007	20.562	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	85479	22.507	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	57465	22.453	ug/l	99
56) Ethyl methacrylate	9.116	69	84818	21.884	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	97357	22.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	171603	90.435	ug/l	100
59) 2-Hexanone	9.433	43	320746	112.979	ug/l	91
60) Dibromochloromethane	9.519	129	56266	22.542	ug/l	97
61) 1,2-Dibromoethane	9.610	107	60840	22.633	ug/l	98
64) Tetrachloroethene	9.275	164	55418	22.970	ug/l	97
65) Chlorobenzene	10.080	112	152745	22.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55071	22.937	ug/l	97
67) Ethyl Benzene	10.195	91	272913	22.465	ug/l	99
68) m/p-Xylenes	10.299	106	209344	44.261	ug/l	96
69) o-Xylene	10.640	106	102683	22.051	ug/l	97
70) Styrene	10.659	104	172269	22.780	ug/l	98
71) Bromoform	10.799	173	39097	20.773	ug/l #	99
73) Isopropylbenzene	10.964	105	274033	20.089	ug/l	99
74) N-amyl acetate	10.842	43	105388	19.654	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	93337	19.945	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85810m	20.371	ug/l	
77) Bromobenzene	11.201	156	63484	19.670	ug/l	97
78) n-propylbenzene	11.305	91	321070	20.349	ug/l	99
79) 2-Chlorotoluene	11.366	91	191386	19.790	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	233987	20.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22751	18.735	ug/l #	80
82) 4-Chlorotoluene	11.457	91	220759	19.746	ug/l	100
83) tert-Butylbenzene	11.713	119	255979	23.261	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	272872	23.941	ug/l	99
85) sec-Butylbenzene	11.890	105	323199	23.809	ug/l	98
86) p-Isopropyltoluene	12.012	119	274555	24.104	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	138696	21.909	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	142020	21.628	ug/l	98
89) n-Butylbenzene	12.335	91	241535	24.473	ug/l	97
90) Hexachloroethane	12.543	117	42554	23.102	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	139037	22.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19158	19.173	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	74776	20.818	ug/l	98
94) Hexachlorobutadiene	13.725	225	32093	21.993	ug/l	93
95) Naphthalene	13.774	128	257150	20.118	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73892	20.483	ug/l	95

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

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