

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028780.D
 Acq On : 18 May 2022 00:39
 Operator : JC/MD
 Sample : VX0517WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD03

Quant Time: May 18 04:59:10 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	268320	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	454045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196652	53.466	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.940%			
35) Dibromofluoromethane	5.385	113	150025	50.431	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.860%			
50) Toluene-d8	8.647	98	545044	48.597	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.079	95	213193	50.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	69405	19.754	ug/l	99
3) Chloromethane	1.288	50	57749	17.453	ug/l	100
4) Vinyl Chloride	1.374	62	62725	17.591	ug/l	98
5) Bromomethane	1.599	94	41577	12.319	ug/l	100
6) Chloroethane	1.685	64	40627	16.618	ug/l	99
7) Trichlorofluoromethane	1.886	101	107396	18.891	ug/l	95
8) Diethyl Ether	2.136	74	37579	18.141	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	57262	19.141	ug/l	97
10) Methyl Iodide	2.453	142	67524	18.853	ug/l	91
11) Tert butyl alcohol	2.959	59	75750	92.003	ug/l	98
12) 1,1-Dichloroethene	2.319	96	53133	19.133	ug/l	96
13) Acrolein	2.233	56	41746	69.149	ug/l	99
14) Allyl chloride	2.666	41	81217	18.235	ug/l	88
15) Acrylonitrile	3.062	53	160276	90.444	ug/l	98
16) Acetone	2.380	43	147215	93.261	ug/l	93
17) Carbon Disulfide	2.514	76	128385	17.835	ug/l	99
18) Methyl Acetate	2.703	43	74794	18.918	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	200108	20.306	ug/l	100
20) Methylene Chloride	2.788	84	61154	18.466	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	58293	18.636	ug/l	99
22) Diisopropyl ether	3.764	45	178857	18.791	ug/l #	90
23) Vinyl Acetate	3.721	43	782289	95.340	ug/l	97
24) 1,1-Dichloroethane	3.611	63	105718	19.106	ug/l	99
25) 2-Butanone	4.556	43	225450	90.989	ug/l	96
26) 2,2-Dichloropropane	4.483	77	72220	16.646	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69110	18.917	ug/l	99
28) Bromochloromethane	4.898	49	42655	18.314	ug/l	99
29) Tetrahydrofuran	5.007	42	142482	88.466	ug/l	95
30) Chloroform	5.093	83	118257	19.747	ug/l	99
31) Cyclohexane	5.471	56	91576	17.937	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	107804	20.621	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83848	18.766	ug/l	99
37) Ethyl Acetate	4.715	43	85744	18.373	ug/l	99
38) Carbon Tetrachloride	5.678	117	92404	20.550	ug/l	99
39) Methylcyclohexane	7.385	83	95682	18.673	ug/l	95
40) Benzene	6.044	78	241535	18.809	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47787	19.097	ug/l	92
42) 1,2-Dichloroethane	6.092	62	97678	20.622	ug/l	96
43) Isopropyl Acetate	6.342	43	138898	19.024	ug/l	96
44) Trichloroethene	7.129	130	67679	19.433	ug/l	90
45) 1,2-Dichloropropane	7.434	63	60606	18.916	ug/l	99
46) Dibromomethane	7.580	93	46630	19.489	ug/l	94
47) Bromodichloromethane	7.824	83	89615	20.174	ug/l	97
48) Methyl methacrylate	7.696	41	70269	19.923	ug/l	86
49) 1,4-Dioxane	7.665	88	31866	361.659	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	448248	93.207	ug/l	95
52) Toluene	8.720	92	159012	19.250	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	87053	18.107	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	94528	18.912	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	65613	19.479	ug/l	99
56) Ethyl methacrylate	9.116	69	100969	19.794	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	109684	19.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	241535	96.717	ug/l	98
59) 2-Hexanone	9.433	43	347515	93.008	ug/l	91
60) Dibromochloromethane	9.525	129	66241	20.164	ug/l	97
61) 1,2-Dibromoethane	9.610	107	71006	20.070	ug/l	99
64) Tetrachloroethene	9.275	164	61820	19.737	ug/l	98
65) Chlorobenzene	10.080	112	170709	19.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64398	20.660	ug/l	98
67) Ethyl Benzene	10.195	91	308463	19.558	ug/l	99
68) m/p-Xylenes	10.305	106	235359	38.330	ug/l	95
69) o-Xylene	10.640	106	118471	19.597	ug/l	96
70) Styrene	10.659	104	194057	19.766	ug/l	97
71) Bromoform	10.799	173	46600	19.223	ug/l #	99
73) Isopropylbenzene	10.964	105	309573	20.110	ug/l	99
74) N-amyl acetate	10.842	43	115789	19.135	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	103517	19.602	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94028m	19.779	ug/l	
77) Bromobenzene	11.201	156	72788	19.984	ug/l	94
78) n-propylbenzene	11.305	91	350698	19.695	ug/l	100
79) 2-Chlorotoluene	11.366	91	219741	20.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	264381	20.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23048	17.214	ug/l #	74
82) 4-Chlorotoluene	11.457	91	252576	20.019	ug/l	98
83) tert-Butylbenzene	11.713	119	259362	20.884	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	266346	20.707	ug/l	98
85) sec-Butylbenzene	11.890	105	309885	20.229	ug/l	99
86) p-Isopropyltoluene	12.012	119	260743	20.284	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	139993	19.595	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	139327	18.802	ug/l	97
89) n-Butylbenzene	12.335	91	211553	18.994	ug/l	99
90) Hexachloroethane	12.542	117	39929	19.208	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	140870	20.072	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24040	21.319	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	81631	20.138	ug/l	98
94) Hexachlorobutadiene	13.725	225	34093	20.703	ug/l	93
95) Naphthalene	13.774	128	299664	20.775	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83565	20.526	ug/l	94

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

