

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028969.D
 Acq On : 25 May 2022 23:36
 Operator : JC/MD
 Sample : VX0525WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD02

Quant Time: May 26 05:49:53 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 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181817	51.539	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.080%			
35) Dibromofluoromethane	5.391	113	148924	53.556	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.120%			
50) Toluene-d8	8.653	98	533317	50.871	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.079	95	206129	52.641	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58255	17.287	ug/l	99
3) Chloromethane	1.288	50	52351	16.496	ug/l	99
4) Vinyl Chloride	1.374	62	56647	16.563	ug/l	100
5) Bromomethane	1.605	94	50891	17.439	ug/l	95
6) Chloroethane	1.685	64	39461	16.858	ug/l	98
7) Trichlorofluoromethane	1.886	101	91609	16.801	ug/l	97
8) Diethyl Ether	2.136	74	34558	17.394	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	52997	18.470	ug/l	99
10) Methyl Iodide	2.453	142	56054	16.317	ug/l	95
11) Tert butyl alcohol	2.959	59	96408	124.777	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	48465	18.196	ug/l	98
13) Acrolein	2.239	56	31880	55.057	ug/l	98
14) Allyl chloride	2.666	41	75542	17.683	ug/l	95
15) Acrylonitrile	3.062	53	163700	96.312	ug/l	99
16) Acetone	2.380	43	140809	93.003	ug/l	91
17) Carbon Disulfide	2.514	76	99992	14.482	ug/l	99
18) Methyl Acetate	2.703	43	77184	20.354	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	188561	19.950	ug/l	100
20) Methylene Chloride	2.788	84	59081	18.600	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	53480	17.826	ug/l	98
22) Diisopropyl ether	3.763	45	174166	19.078	ug/l	90
23) Vinyl Acetate	3.721	43	733052	93.146	ug/l	97
24) 1,1-Dichloroethane	3.611	63	101413	19.109	ug/l	99
25) 2-Butanone	4.556	43	222198	93.497	ug/l	96
26) 2,2-Dichloropropane	4.477	77	66479	15.976	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66077	18.857	ug/l	98
28) Bromochloromethane	4.897	49	42552	19.048	ug/l	99
29) Tetrahydrofuran	5.007	42	143560	92.933	ug/l	94
30) Chloroform	5.099	83	112682	19.618	ug/l	98
31) Cyclohexane	5.477	56	82457	16.839	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	96440	19.233	ug/l	99
36) 1,1-Dichloropropene	5.696	75	76303	18.269	ug/l	99
37) Ethyl Acetate	4.715	43	84571	19.387	ug/l	99
38) Carbon Tetrachloride	5.678	117	81070	19.288	ug/l	99
39) Methylcyclohexane	7.385	83	87180	18.201	ug/l	98
40) Benzene	6.037	78	231521	19.288	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45963	19.651	ug/l	95
42) 1,2-Dichloroethane	6.092	62	87791	19.828	ug/l	99
43) Isopropyl Acetate	6.342	43	129307	18.947	ug/l	97
44) Trichloroethene	7.129	130	66717	20.494	ug/l	95
45) 1,2-Dichloropropane	7.434	63	59177	19.760	ug/l	96
46) Dibromomethane	7.580	93	43520	19.459	ug/l	95
47) Bromodichloromethane	7.824	83	82295	19.819	ug/l	98
48) Methyl methacrylate	7.696	41	63525	19.269	ug/l	92
49) 1,4-Dioxane	7.665	88	33151	402.510	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	435182	96.807	ug/l	96
52) Toluene	8.720	92	151405	19.608	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	78793	17.585	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86940	18.608	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	64105	20.360	ug/l	97
56) Ethyl methacrylate	9.116	69	94469	19.813	ug/l	92
57) 1,3-Dichloropropane	9.311	76	107567	20.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	219319	93.952	ug/l	98
59) 2-Hexanone	9.433	43	332497	95.201	ug/l	94
60) Dibromochloromethane	9.525	129	62827	20.460	ug/l	95
61) 1,2-Dibromoethane	9.610	107	66798	20.199	ug/l	98
64) Tetrachloroethene	9.275	164	57403	19.726	ug/l	96
65) Chlorobenzene	10.079	112	164678	20.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61918	21.382	ug/l	99
67) Ethyl Benzene	10.195	91	287753	19.638	ug/l	99
68) m/p-Xylenes	10.305	106	222891	39.072	ug/l	98
69) o-Xylene	10.646	106	110422	19.660	ug/l	98
70) Styrene	10.659	104	183746	20.145	ug/l	98
71) Bromoform	10.799	173	43185	19.179	ug/l #	99
73) Isopropylbenzene	10.963	105	292808	19.830	ug/l	98
74) N-amyl acetate	10.848	43	103382	17.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	101401	20.017	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90583m	19.865	ug/l	
77) Bromobenzene	11.201	156	70633	20.217	ug/l	98
78) n-propylbenzene	11.305	91	327594	19.180	ug/l	99
79) 2-Chlorotoluene	11.366	91	208374	19.905	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	248485	20.196	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22103	17.211	ug/l #	79
82) 4-Chlorotoluene	11.457	91	236984	19.582	ug/l	99
83) tert-Butylbenzene	11.713	119	246184	20.666	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	247291	20.043	ug/l	98
85) sec-Butylbenzene	11.890	105	297837	20.269	ug/l	100
86) p-Isopropyltoluene	12.012	119	254360	20.629	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135559	19.781	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	136633	19.222	ug/l	97
89) n-Butylbenzene	12.335	91	201361	18.848	ug/l	98
90) Hexachloroethane	12.542	117	37420	18.766	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	137436	20.415	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21965	20.307	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	83906	21.580	ug/l	99
94) Hexachlorobutadiene	13.725	225	34512	21.849	ug/l	94
95) Naphthalene	13.774	128	298789	21.595	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84406	21.614	ug/l	96

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

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