

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030345.D
 Acq On : 02 Aug 2022 12:23
 Operator : JC/MD
 Sample : VX0802WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

Quant Time: Aug 02 15:49:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153189	56.491	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.980%			
35) Dibromofluoromethane	5.391	113	125090	58.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.720%			
50) Toluene-d8	8.653	98	448853	54.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.140%			
62) 4-Bromofluorobenzene	11.079	95	171922	55.804	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44547	20.122	ug/l	98
3) Chloromethane	1.294	50	36696	16.762	ug/l	98
4) Vinyl Chloride	1.374	62	39571	17.909	ug/l	99
5) Bromomethane	1.605	94	19354	21.716	ug/l	96
6) Chloroethane	1.685	64	24660	19.437	ug/l	98
7) Trichlorofluoromethane	1.886	101	58858	20.218	ug/l	97
8) Diethyl Ether	2.136	74	24646	21.620	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	46184	21.419	ug/l	98
10) Methyl Iodide	2.453	142	23064	12.166	ug/l	96
11) Tert butyl alcohol	2.977	59	90543	136.882	ug/l	98
12) 1,1-Dichloroethene	2.319	96	42541	20.185	ug/l	91
13) Acrolein	2.239	56	9729	59.841	ug/l	98
14) Allyl chloride	2.666	41	90672	20.848	ug/l	96
15) Acrylonitrile	3.069	53	185290	113.353	ug/l	99
16) Acetone	2.386	43	156976	113.068	ug/l	97
17) Carbon Disulfide	2.514	76	97559	17.148	ug/l	100
18) Methyl Acetate	2.709	43	96093	23.401	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	165479	22.921	ug/l	96
20) Methylene Chloride	2.788	84	55379	21.844	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	45166	19.415	ug/l	95
22) Diisopropyl ether	3.764	45	185230	22.510	ug/l	97
23) Vinyl Acetate	3.727	43	815992	114.316	ug/l	98
24) 1,1-Dichloroethane	3.611	63	92967	21.261	ug/l	100
25) 2-Butanone	4.562	43	264880	113.536	ug/l	93
26) 2,2-Dichloropropane	4.477	77	68271	21.592	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	57272	20.936	ug/l	95
28) Bromochloromethane	4.904	49	48189	26.087	ug/l	93
29) Tetrahydrofuran	5.013	42	172151	109.669	ug/l	94
30) Chloroform	5.099	83	94194	21.757	ug/l	97
31) Cyclohexane	5.471	56	78100	19.836	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	73605	20.916	ug/l	97
36) 1,1-Dichloropropene	5.696	75	63268	20.509	ug/l	95
37) Ethyl Acetate	4.721	43	99668	22.815	ug/l	96
38) Carbon Tetrachloride	5.678	117	60878	21.139	ug/l	98
39) Methylcyclohexane	7.385	83	78959	19.830	ug/l	93
40) Benzene	6.044	78	203556	20.973	ug/l	99

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41) Methacrylonitrile	4.928	41	55684	23.779	ug/l	95
42) 1,2-Dichloroethane	6.086	62	75188	22.419	ug/l	98
43) Isopropyl Acetate	6.342	43	147537	23.038	ug/l	98
44) Trichloroethene	7.129	130	52562	19.819	ug/l	86
45) 1,2-Dichloropropane	7.434	63	57057	22.041	ug/l	100
46) Dibromomethane	7.586	93	37818	21.482	ug/l	98
47) Bromodichloromethane	7.824	83	73038	22.822	ug/l	95
48) Methyl methacrylate	7.696	41	72580	23.026	ug/l	94
49) 1,4-Dioxane	7.671	88	31731	435.853	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	515247	118.513	ug/l	96
52) Toluene	8.720	92	124907	21.093	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	75461	21.874	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	85525	22.750	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	55815	22.138	ug/l	96
56) Ethyl methacrylate	9.116	69	90681	22.752	ug/l	92
57) 1,3-Dichloropropane	9.311	76	92957	22.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	291731	147.482	ug/l	96
59) 2-Hexanone	9.433	43	395539	115.318	ug/l	95
60) Dibromochloromethane	9.525	129	51977	22.270	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57045	21.668	ug/l	98
64) Tetrachloroethene	9.275	164	48859	19.368	ug/l	93
65) Chlorobenzene	10.079	112	135232	21.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48750	22.529	ug/l	99
67) Ethyl Benzene	10.195	91	244550	24.919	ug/l	98
68) m/p-Xylenes	10.305	106	183603	42.579	ug/l	95
69) o-Xylene	10.646	106	92143	21.681	ug/l	96
70) Styrene	10.659	104	154217	22.087	ug/l	99
71) Bromoform	10.805	173	35511	22.323	ug/l #	98
73) Isopropylbenzene	10.963	105	237479	20.332	ug/l	99
74) N-amyl acetate	10.842	43	122261	21.538	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	91273	21.350	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87378m	22.156	ug/l	
77) Bromobenzene	11.201	156	54987	20.058	ug/l	93
78) n-propylbenzene	11.305	91	287887	20.652	ug/l	97
79) 2-Chlorotoluene	11.366	91	170380	19.354	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	202600	20.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26777	20.369	ug/l	93
82) 4-Chlorotoluene	11.457	91	196994	20.481	ug/l	98
83) tert-Butylbenzene	11.719	119	190801	21.049	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	204073	20.915	ug/l	98
85) sec-Butylbenzene	11.890	105	262323	21.143	ug/l	98
86) p-Isopropyltoluene	12.012	119	210120	21.168	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	105588	19.805	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	108227	19.941	ug/l	96
89) n-Butylbenzene	12.335	91	206358	22.329	ug/l	98
90) Hexachloroethane	12.542	117	34939	20.443	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	112630	21.523	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24257	23.658	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	65941	21.729	ug/l	98
94) Hexachlorobutadiene	13.725	225	26051	21.379	ug/l	98
95) Naphthalene	13.780	128	279655	23.592	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70700	22.716	ug/l	98

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

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