

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030200.D
 Acq On : 25 Jul 2022 19:12
 Operator : JC/MD
 Sample : VX0725WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 01:38:16 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	145040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151607	52.005	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	5.391	113	124087	50.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	8.653	98	477776	50.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.085	95	175926	50.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45485	19.112	ug/l	96
3) Chloromethane	1.288	50	48986	20.814	ug/l	97
4) Vinyl Chloride	1.374	62	49961	21.033	ug/l	100
5) Bromomethane	1.593	94	19350	19.740	ug/l	95
6) Chloroethane	1.673	64	28751	21.080	ug/l	97
7) Trichlorofluoromethane	1.880	101	67994	21.726	ug/l	98
8) Diethyl Ether	2.136	74	26429	21.566	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	49299	21.268	ug/l	98
10) Methyl Iodide	2.447	142	41977	19.540	ug/l	96
11) Tert butyl alcohol	2.977	59	81829	115.073	ug/l	98
12) 1,1-Dichloroethene	2.313	96	49519	21.855	ug/l	95
13) Acrolein	2.240	56	14402	82.401	ug/l	100
14) Allyl chloride	2.660	41	97184	20.786	ug/l	98
15) Acrylonitrile	3.069	53	193678	110.214	ug/l	98
16) Acetone	2.386	43	160028	107.221	ug/l	95
17) Carbon Disulfide	2.508	76	124951	20.430	ug/l	99
18) Methyl Acetate	2.709	43	95912	21.726	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	170340	21.948	ug/l	96
20) Methylene Chloride	2.788	84	60394	22.198	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	54157	21.655	ug/l	97
22) Diisopropyl ether	3.770	45	196092	22.167	ug/l #	86
23) Vinyl Acetate	3.727	43	839110	109.349	ug/l	97
24) 1,1-Dichloroethane	3.611	63	101204	21.530	ug/l	99
25) 2-Butanone	4.568	43	277223	110.533	ug/l	98
26) 2,2-Dichloropropane	4.477	77	71002	20.889	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	64750	22.017	ug/l	97
28) Bromochloromethane	4.904	49	35711	17.982	ug/l	97
29) Tetrahydrofuran	5.019	42	180814	107.148	ug/l	97
30) Chloroform	5.105	83	98809	21.230	ug/l	96
31) Cyclohexane	5.477	56	92468	21.846	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	81997	21.674	ug/l	98
36) 1,1-Dichloropropene	5.696	75	73029	20.797	ug/l	97
37) Ethyl Acetate	4.721	43	102096	20.531	ug/l	99
38) Carbon Tetrachloride	5.684	117	69113	21.083	ug/l	98
39) Methylcyclohexane	7.385	83	91795	20.252	ug/l	94
40) Benzene	6.044	78	232187	21.016	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	54737	20.535	ug/l	97
42) 1,2-Dichloroethane	6.099	62	78562	20.579	ug/l	97
43) Isopropyl Acetate	6.349	43	152076	20.862	ug/l	98
44) Trichloroethene	7.135	130	60308	19.977	ug/l	93
45) 1,2-Dichloropropane	7.434	63	62252	21.126	ug/l	98
46) Dibromomethane	7.586	93	40382	20.152	ug/l	98
47) Bromodichloromethane	7.824	83	73935	20.296	ug/l	96
48) Methyl methacrylate	7.696	41	74678	20.813	ug/l	96
49) 1,4-Dioxane	7.665	88	36092	435.522	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	524672	106.019	ug/l	99
52) Toluene	8.720	92	142506	21.142	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80203	20.424	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	90913	21.245	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	58650	20.436	ug/l	96
56) Ethyl methacrylate	9.122	69	96021	21.164	ug/l	93
57) 1,3-Dichloropropane	9.311	76	100835	21.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	236649	105.100	ug/l	99
59) 2-Hexanone	9.433	43	429271	109.946	ug/l	94
60) Dibromochloromethane	9.525	129	54240	20.416	ug/l	97
61) 1,2-Dibromoethane	9.610	107	62123	20.730	ug/l	96
64) Tetrachloroethene	9.275	164	58407	20.671	ug/l	95
65) Chlorobenzene	10.080	112	150056	21.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52774	21.775	ug/l	99
67) Ethyl Benzene	10.195	91	276881	25.149	ug/l	96
68) m/p-Xylenes	10.305	106	213748	44.257	ug/l	97
69) o-Xylene	10.647	106	104751	22.006	ug/l	96
70) Styrene	10.659	104	174263	22.283	ug/l	98
71) Bromoform	10.805	173	37569	21.085	ug/l #	97
73) Isopropylbenzene	10.964	105	269129	21.090	ug/l	99
74) N-amyl acetate	10.848	43	130988	21.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	98035	20.989	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88516m	20.543	ug/l	
77) Bromobenzene	11.201	156	61862	20.654	ug/l	94
78) n-propylbenzene	11.305	91	321017	21.077	ug/l	98
79) 2-Chlorotoluene	11.366	91	193035	20.070	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	226720	21.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	28663	19.956	ug/l	92
82) 4-Chlorotoluene	11.457	91	219385	20.877	ug/l	99
83) tert-Butylbenzene	11.720	119	212375	21.444	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	230574	21.630	ug/l	98
85) sec-Butylbenzene	11.890	105	296707	21.888	ug/l	99
86) p-Isopropyltoluene	12.012	119	235585	21.723	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	120329	20.658	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	120629	20.344	ug/l	98
89) n-Butylbenzene	12.335	91	214448	21.239	ug/l	99
90) Hexachloroethane	12.543	117	39168	20.976	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	119594	20.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23706	21.162	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	71946	21.699	ug/l	96
94) Hexachlorobutadiene	13.725	225	27297	20.504	ug/l	98
95) Naphthalene	13.780	128	285861	22.073	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71436	21.008	ug/l	99

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

