

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030198.D
 Acq On : 25 Jul 2022 18:01
 Operator : JC/MD
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 26 01:37:38 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	163751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174896	53.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	5.391	113	141903	52.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.653	98	554955	52.841	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.680%			
62) 4-Bromofluorobenzene	11.085	95	203308	52.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65248	24.283	ug/l	98
3) Chloromethane	1.294	50	62810	23.638	ug/l	97
4) Vinyl Chloride	1.374	62	58562	21.837	ug/l	99
5) Bromomethane	1.599	94	31319	31.122	ug/l	96
6) Chloroethane	1.678	64	33979	22.066	ug/l	96
7) Trichlorofluoromethane	1.886	101	80539	22.794	ug/l	99
8) Diethyl Ether	2.136	74	30300	21.899	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	56743	21.682	ug/l	98
10) Methyl Iodide	2.453	142	47804	19.696	ug/l	96
11) Tert butyl alcohol	2.977	59	91973	114.559	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55525	21.706	ug/l	92
13) Acrolein	2.239	56	19861	100.650	ug/l	96
14) Allyl chloride	2.666	41	114117	21.619	ug/l	98
15) Acrylonitrile	3.068	53	226812	114.321	ug/l	99
16) Acetone	2.386	43	184903	109.731	ug/l	94
17) Carbon Disulfide	2.508	76	143060	20.718	ug/l	98
18) Methyl Acetate	2.709	43	106971	21.462	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	197994	22.596	ug/l	99
20) Methylene Chloride	2.788	84	69478	22.669	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	61679	21.845	ug/l	99
22) Diisopropyl ether	3.770	45	226241	22.652	ug/l	90
23) Vinyl Acetate	3.727	43	1000794	115.517	ug/l	98
24) 1,1-Dichloroethane	3.611	63	117086	22.062	ug/l	99
25) 2-Butanone	4.562	43	320495	113.184	ug/l	94
26) 2,2-Dichloropropane	4.483	77	85780	22.353	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	73701	22.197	ug/l	95
28) Bromochloromethane	4.903	49	47029	20.976	ug/l	98
29) Tetrahydrofuran	5.013	42	213057	111.828	ug/l	96
30) Chloroform	5.099	83	115182	21.920	ug/l	100
31) Cyclohexane	5.477	56	106342	22.253	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	95994	22.474	ug/l	100
36) 1,1-Dichloropropene	5.696	75	84317	21.604	ug/l	97
37) Ethyl Acetate	4.721	43	117779	21.311	ug/l	98
38) Carbon Tetrachloride	5.678	117	78868	21.646	ug/l	95
39) Methylcyclohexane	7.385	83	108391	21.516	ug/l	97
40) Benzene	6.043	78	269362	21.936	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	65672	22.167	ug/l	96
42) 1,2-Dichloroethane	6.092	62	91035	21.455	ug/l	99
43) Isopropyl Acetate	6.348	43	180555	22.285	ug/l	98
44) Trichloroethene	7.129	130	70262	20.941	ug/l	100
45) 1,2-Dichloropropane	7.440	63	71394	21.799	ug/l	99
46) Dibromomethane	7.586	93	45521	20.438	ug/l	100
47) Bromodichloromethane	7.824	83	87623	21.641	ug/l	94
48) Methyl methacrylate	7.696	41	88214	22.121	ug/l	95
49) 1,4-Dioxane	7.665	88	40095	435.316	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	616667	112.114	ug/l	97
52) Toluene	8.726	92	166539	22.230	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	94864	21.736	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	104578	21.988	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69619	21.826	ug/l	99
56) Ethyl methacrylate	9.122	69	113445	22.498	ug/l	95
57) 1,3-Dichloropropane	9.311	76	114320	21.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291348	116.420	ug/l	97
59) 2-Hexanone	9.433	43	488550	112.583	ug/l	97
60) Dibromochloromethane	9.525	129	64433	21.821	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71197	21.376	ug/l	99
64) Tetrachloroethene	9.275	164	66983	21.294	ug/l	97
65) Chlorobenzene	10.085	112	177618	22.379	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	61430	22.768	ug/l	99
67) Ethyl Benzene	10.195	91	318955	25.886	ug/l	98
68) m/p-Xylenes	10.305	106	242835	45.164	ug/l	96
69) o-Xylene	10.646	106	120259	22.694	ug/l	94
70) Styrene	10.659	104	203024	23.319	ug/l	96
71) Bromoform	10.805	173	43974	22.169	ug/l	96
73) Isopropylbenzene	10.963	105	310268	22.051	ug/l	99
74) N-amyl acetate	10.848	43	152016	22.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112747	21.893	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	104486m	21.993	ug/l	
77) Bromobenzene	11.201	156	71534	21.661	ug/l	94
78) n-propylbenzene	11.305	91	371629	22.130	ug/l	99
79) 2-Chlorotoluene	11.366	91	225478	21.262	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	256954	21.810	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	34394	21.718	ug/l	90
82) 4-Chlorotoluene	11.457	91	254490	21.964	ug/l	98
83) tert-Butylbenzene	11.719	119	246825	22.603	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	262311	22.317	ug/l	98
85) sec-Butylbenzene	11.896	105	344649	23.059	ug/l	98
86) p-Isopropyltoluene	12.012	119	277174	23.179	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	138712	21.597	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	141550	21.650	ug/l	99
89) n-Butylbenzene	12.335	91	261575	23.496	ug/l	99
90) Hexachloroethane	12.542	117	45790	22.240	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	139985	22.206	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28981	23.463	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	80312	21.968	ug/l	98
94) Hexachlorobutadiene	13.725	225	31109	21.193	ug/l	96
95) Naphthalene	13.774	128	336248	23.547	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83668	22.316	ug/l	100

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

