

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030320.D
 Acq On : 01 Aug 2022 14:21
 Operator : JC/MD
 Sample : VX0801WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBSD01

Quant Time: Aug 02 01:52:19 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 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137618	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	234283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137399	49.674	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.340%		
35) Dibromofluoromethane	5.385	113	110365	49.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.560%		
50) Toluene-d8	8.653	98	411911	47.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.980%		
62) 4-Bromofluorobenzene	11.085	95	152483	47.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42809	18.957	ug/l	96
3) Chloromethane	1.288	50	37536	16.809	ug/l	94
4) Vinyl Chloride	1.374	62	40556	17.994	ug/l	99
5) Bromomethane	1.605	94	19201	20.943	ug/l	96
6) Chloroethane	1.685	64	27603	21.330	ug/l	99
7) Trichlorofluoromethane	1.886	101	57278	19.289	ug/l	93
8) Diethyl Ether	2.136	74	23969	20.613	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	42499	19.323	ug/l	99
10) Methyl Iodide	2.453	142	23353	12.088	ug/l	95
11) Tert butyl alcohol	2.977	59	84441	125.151	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40236	18.716	ug/l	90
13) Acrolein	2.239	56	7769	46.848	ug/l	94
14) Allyl chloride	2.666	41	85040	19.169	ug/l	97
15) Acrylonitrile	3.068	53	174915	104.905	ug/l	99
16) Acetone	2.386	43	146436	103.405	ug/l	98
17) Carbon Disulfide	2.514	76	89882	15.488	ug/l	97
18) Methyl Acetate	2.709	43	90567	21.622	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	156162	21.206	ug/l	96
20) Methylene Chloride	2.788	84	51291	19.588	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	44328	18.681	ug/l	88
22) Diisopropyl ether	3.763	45	175582	20.919	ug/l	97
23) Vinyl Acetate	3.727	43	767967	105.476	ug/l	98
24) 1,1-Dichloroethane	3.617	63	89214	20.002	ug/l	99
25) 2-Butanone	4.562	43	247440	103.978	ug/l	94
26) 2,2-Dichloropropane	4.477	77	61770	19.153	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	55573	19.916	ug/l	96
28) Bromochloromethane	4.903	49	39985	21.221	ug/l	97
29) Tetrahydrofuran	5.013	42	164950	103.019	ug/l	95
30) Chloroform	5.099	83	88690	20.084	ug/l	96
31) Cyclohexane	5.470	56	76305	19.000	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	69914	19.477	ug/l	99
36) 1,1-Dichloropropene	5.696	75	62026	19.244	ug/l	98
37) Ethyl Acetate	4.721	43	90145	19.750	ug/l	98
38) Carbon Tetrachloride	5.684	117	56114	18.649	ug/l	97
39) Methylcyclohexane	7.385	83	75316	18.104	ug/l	95
40) Benzene	6.043	78	197715	19.497	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49916	20.402	ug/l	97
42) 1,2-Dichloroethane	6.086	62	70976	20.255	ug/l	97
43) Isopropyl Acetate	6.342	43	138167	20.650	ug/l	98
44) Trichloroethene	7.129	130	52090	18.799	ug/l	97
45) 1,2-Dichloropropane	7.433	63	54726	20.234	ug/l	99
46) Dibromomethane	7.586	93	35913	19.525	ug/l	97
47) Bromodichloromethane	7.824	83	64531	19.299	ug/l	95
48) Methyl methacrylate	7.696	41	67425	20.473	ug/l	95
49) 1,4-Dioxane	7.677	88	29264	384.727	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	471696	103.843	ug/l	99
52) Toluene	8.720	92	119863	19.374	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	69264	19.217	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78485	19.982	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	52837	20.058	ug/l	98
56) Ethyl methacrylate	9.116	69	86603	20.797	ug/l	95
57) 1,3-Dichloropropane	9.311	76	89037	20.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237537	114.935	ug/l	96
59) 2-Hexanone	9.433	43	367011	102.411	ug/l	96
60) Dibromochloromethane	9.525	129	47059	19.298	ug/l	97
61) 1,2-Dibromoethane	9.610	107	52617	19.129	ug/l	100
64) Tetrachloroethene	9.275	164	48636	18.913	ug/l	98
65) Chlorobenzene	10.079	112	128318	19.776	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44795	20.309	ug/l	99
67) Ethyl Benzene	10.195	91	231347	23.367	ug/l	97
68) m/p-Xylenes	10.305	106	177629	40.412	ug/l	97
69) o-Xylene	10.640	106	87894	20.289	ug/l	98
70) Styrene	10.659	104	145532	20.447	ug/l	97
71) Bromoform	10.799	173	31566	19.466	ug/l #	96
73) Isopropylbenzene	10.963	105	223120	20.065	ug/l	99
74) N-amyl acetate	10.841	43	113833	21.063	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82086	20.168	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78061m	20.790	ug/l	
77) Bromobenzene	11.201	156	52345	20.056	ug/l	94
78) n-propylbenzene	11.305	91	270200	20.359	ug/l	98
79) 2-Chlorotoluene	11.366	91	162165	19.349	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	187190	20.104	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23354	18.660	ug/l	88
82) 4-Chlorotoluene	11.457	91	183025	19.987	ug/l	97
83) tert-Butylbenzene	11.719	119	178246	20.654	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	191467	20.611	ug/l	96
85) sec-Butylbenzene	11.890	105	242025	20.489	ug/l	98
86) p-Isopropyltoluene	12.012	119	194946	20.628	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97443	19.197	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	99658	19.287	ug/l	98
89) n-Butylbenzene	12.335	91	183218	20.824	ug/l	99
90) Hexachloroethane	12.542	117	29868	18.356	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	102665	20.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20130	20.621	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	62299	21.562	ug/l	98
94) Hexachlorobutadiene	13.725	225	22897	19.737	ug/l	98
95) Naphthalene	13.780	128	250317	22.180	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65065	21.958	ug/l	98

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

