

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028494.D
 Acq On : 03 May 2022 12:13
 Operator : JC/MD
 Sample : VX0503WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 06:02:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	343160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	540608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	505543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222361	49.696	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.400%		
35) Dibromofluoromethane	5.385	113	198803	52.437	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.880%		
50) Toluene-d8	8.653	98	715652	49.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	268847	48.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49824	22.492	ug/l	98
3) Chloromethane	1.294	50	48727	20.391	ug/l	95
4) Vinyl Chloride	1.374	62	60007	17.346	ug/l	98
5) Bromomethane	1.599	94	78248	20.569	ug/l	99
6) Chloroethane	1.685	64	45481	16.177	ug/l	97
7) Trichlorofluoromethane	1.886	101	115874	15.189	ug/l	99
8) Diethyl Ether	2.130	74	43402	16.871	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59492	21.409	ug/l	98
10) Methyl Iodide	2.453	142	68147	21.289	ug/l	96
11) Tert butyl alcohol	2.959	59	71539	76.597	ug/l	96
12) 1,1-Dichloroethene	2.319	96	53391	20.245	ug/l	99
13) Acrolein	2.233	56	36644	66.824	ug/l	100
14) Allyl chloride	2.666	41	74464	16.827	ug/l	92
15) Acrylonitrile	3.062	53	167275	91.738	ug/l	99
16) Acetone	2.374	43	139971	101.592	ug/l	95
17) Carbon Disulfide	2.514	76	99782	14.050	ug/l	100
18) Methyl Acetate	2.703	43	73466	18.467	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	203275	18.484	ug/l	97
20) Methylene Chloride	2.788	84	65159	19.627	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	61419	17.125	ug/l	96
22) Diisopropyl ether	3.757	45	183393	18.195	ug/l #	85
23) Vinyl Acetate	3.721	43	772668	87.747	ug/l	100
24) 1,1-Dichloroethane	3.611	63	110192	18.516	ug/l	98
25) 2-Butanone	4.556	43	223336	84.281	ug/l	98
26) 2,2-Dichloropropane	4.477	77	90111	15.508	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78172	18.279	ug/l	92
28) Bromochloromethane	4.897	49	55400	21.697	ug/l	88
29) Tetrahydrofuran	5.007	42	142475	82.458	ug/l	99
30) Chloroform	5.099	83	129321	18.094	ug/l	96
31) Cyclohexane	5.471	56	88134	16.167	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	111375	17.209	ug/l	98
36) 1,1-Dichloropropene	5.696	75	86051	17.400	ug/l	98
37) Ethyl Acetate	4.715	43	87975	17.532	ug/l	100
38) Carbon Tetrachloride	5.678	117	93786	16.799	ug/l	99
39) Methylcyclohexane	7.379	83	99433	15.935	ug/l	97
40) Benzene	6.037	78	263007	18.168	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45104	17.422	ug/l	97
42) 1,2-Dichloroethane	6.086	62	97020	18.055	ug/l	99
43) Isopropyl Acetate	6.342	43	137888	16.884	ug/l	98
44) Trichloroethene	7.129	130	77682	18.505	ug/l	99
45) 1,2-Dichloropropane	7.434	63	66744	18.836	ug/l	98
46) Dibromomethane	7.586	93	50769	18.265	ug/l	98
47) Bromodichloromethane	7.824	83	94156	17.625	ug/l	97
48) Methyl methacrylate	7.696	41	65567	17.487	ug/l	92
49) 1,4-Dioxane	7.659	88	31894	317.970	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	462306	88.215	ug/l	97
52) Toluene	8.720	92	177643	17.663	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	91313	16.083	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	105356	17.280	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	76704	18.771	ug/l	97
56) Ethyl methacrylate	9.116	69	107174	18.094	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	120799	18.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	303536	109.219	ug/l	94
59) 2-Hexanone	9.433	43	353666	87.120	ug/l	95
60) Dibromochloromethane	9.525	129	77525	17.403	ug/l	95
61) 1,2-Dibromoethane	9.610	107	79617	17.760	ug/l	99
64) Tetrachloroethene	9.275	164	74666	18.909	ug/l	98
65) Chlorobenzene	10.079	112	204901	19.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	75063	18.695	ug/l	99
67) Ethyl Benzene	10.195	91	342488	18.949	ug/l	96
68) m/p-Xylenes	10.305	106	277124	37.674	ug/l	96
69) o-Xylene	10.640	106	137089	18.692	ug/l	96
70) Styrene	10.659	104	224838	18.923	ug/l	99
71) Bromoform	10.799	173	54290	17.180	ug/l #	99
73) Isopropylbenzene	10.963	105	357542	19.543	ug/l	99
74) N-amyl acetate	10.842	43	118007	18.661	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	119459	20.121	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103056m	19.672	ug/l	
77) Bromobenzene	11.201	156	90458	18.984	ug/l	93
78) n-propylbenzene	11.305	91	401859	19.809	ug/l	98
79) 2-Chlorotoluene	11.366	91	243557	19.310	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	300944	19.378	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28347	16.081	ug/l	88
82) 4-Chlorotoluene	11.457	91	280794	19.327	ug/l	97
83) tert-Butylbenzene	11.713	119	303196	19.119	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	297998	19.303	ug/l	97
85) sec-Butylbenzene	11.890	105	363438	18.996	ug/l	99
86) p-Isopropyltoluene	12.012	119	311261	18.858	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175498	19.602	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175882	18.710	ug/l	100
89) n-Butylbenzene	12.335	91	248221	18.315	ug/l	99
90) Hexachloroethane	12.542	117	47275	17.154	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	175482	19.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23587	17.864	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	105180	19.883	ug/l	98
94) Hexachlorobutadiene	13.725	225	44736	18.952	ug/l	94
95) Naphthalene	13.780	128	349258	19.819	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	103410	19.916	ug/l	96

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

