

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027444.D
 Acq On : 15 Mar 2022 13:49
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Quant Time: Mar 16 04:15:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	312280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199927	54.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.800%			
35) Dibromofluoromethane	5.391	113	162767	53.203	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.400%			
50) Toluene-d8	8.653	98	594988	51.514	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.020%			
62) 4-Bromofluorobenzene	11.079	95	225337	51.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59361	18.544	ug/l	99
3) Chloromethane	1.294	50	51963	15.437	ug/l	100
4) Vinyl Chloride	1.374	62	57787	16.704	ug/l	99
5) Bromomethane	1.599	94	41213	27.103	ug/l	100
6) Chloroethane	1.685	64	36484	17.091	ug/l	97
7) Trichlorofluoromethane	1.886	101	98438	20.433	ug/l	99
8) Diethyl Ether	2.136	74	37988	20.236	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	58243	18.492	ug/l	96
10) Methyl Iodide	2.453	142	63513	14.286	ug/l	95
11) Tert butyl alcohol	2.959	59	66754	93.505	ug/l	99
12) 1,1-Dichloroethene	2.319	96	52449	17.322	ug/l	96
13) Acrolein	2.233	56	33847	67.637	ug/l	97
14) Allyl chloride	2.666	41	83828	17.650	ug/l	91
15) Acrylonitrile	3.062	53	163627	87.090	ug/l	98
16) Acetone	2.380	43	148280	103.367	ug/l	92
17) Carbon Disulfide	2.508	76	124117	15.087	ug/l	99
18) Methyl Acetate	2.703	43	73092	18.258	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	182299	18.171	ug/l	99
20) Methylene Chloride	2.788	84	60701	17.062	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	56632	16.827	ug/l	97
22) Diisopropyl ether	3.763	45	174702	18.400	ug/l	91
23) Vinyl Acetate	3.721	43	749246	94.328	ug/l	94
24) 1,1-Dichloroethane	3.611	63	104066	18.051	ug/l	99
25) 2-Butanone	4.556	43	225169	89.764	ug/l	96
26) 2,2-Dichloropropane	4.477	77	79906	19.331	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	67034	17.167	ug/l	99
28) Bromochloromethane	4.903	49	38615	16.098	ug/l	99
29) Tetrahydrofuran	5.007	42	145864	87.882	ug/l	91
30) Chloroform	5.099	83	115177	18.928	ug/l	99
31) Cyclohexane	5.470	56	86629	17.007	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	100617	19.347	ug/l	99
36) 1,1-Dichloropropene	5.696	75	79897	18.810	ug/l	100
37) Ethyl Acetate	4.714	43	85639	19.127	ug/l	98
38) Carbon Tetrachloride	5.678	117	93016	21.177	ug/l	97
39) Methylcyclohexane	7.379	83	95225	17.753	ug/l	97
40) Benzene	6.043	78	234082	18.094	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46769	19.373	ug/l	93
42) 1,2-Dichloroethane	6.092	62	92249	21.828	ug/l	96
43) Isopropyl Acetate	6.342	43	130008	19.262	ug/l	95
44) Trichloroethene	7.129	130	66834	18.809	ug/l	97
45) 1,2-Dichloropropane	7.433	63	59805	18.449	ug/l	95
46) Dibromomethane	7.580	93	45651	19.794	ug/l	99
47) Bromodichloromethane	7.824	83	87873	20.631	ug/l	98
48) Methyl methacrylate	7.696	41	67056	19.978	ug/l	87
49) 1,4-Dioxane	7.659	88	32560	370.454	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	448997	99.361	ug/l	94
52) Toluene	8.720	92	155261	18.825	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	86635	19.825	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	94540	19.272	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	65055	18.901	ug/l	96
56) Ethyl methacrylate	9.116	69	94369	18.588	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	106251	19.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	208402	81.302	ug/l	100
59) 2-Hexanone	9.433	43	345818	99.071	ug/l	89
60) Dibromochloromethane	9.525	129	70997	20.210	ug/l	96
61) 1,2-Dibromoethane	9.610	107	69553	19.568	ug/l	99
64) Tetrachloroethene	9.275	164	62331	20.129	ug/l	96
65) Chlorobenzene	10.079	112	173913	18.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65913	20.280	ug/l	97
67) Ethyl Benzene	10.195	91	303606	18.938	ug/l	99
68) m/p-Xylenes	10.305	106	236677	37.638	ug/l	98
69) o-Xylene	10.646	106	116846	18.821	ug/l	100
70) Styrene	10.659	104	190374	18.473	ug/l	97
71) Bromoform	10.805	173	52687	19.850	ug/l #	99
73) Isopropylbenzene	10.963	105	307438	18.686	ug/l	99
74) N-amyl acetate	10.841	43	108114	17.979	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	101543	17.960	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	93233m	18.889	ug/l	
77) Bromobenzene	11.201	156	76483	18.421	ug/l	97
78) n-propylbenzene	11.305	91	344873	18.634	ug/l	99
79) 2-Chlorotoluene	11.366	91	212196	18.345	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	264849	18.776	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25822	16.919	ug/l #	78
82) 4-Chlorotoluene	11.457	91	242300	18.517	ug/l	100
83) tert-Butylbenzene	11.719	119	258799	18.355	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	262285	18.748	ug/l	99
85) sec-Butylbenzene	11.890	105	318070	18.704	ug/l	100
86) p-Isopropyltoluene	12.012	119	269791	18.738	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	143237	18.363	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	143899	18.221	ug/l	98
89) n-Butylbenzene	12.335	91	243349	20.179	ug/l	98
90) Hexachloroethane	12.542	117	47379	21.113	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	155844	20.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24308	20.520	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	99357	19.682	ug/l	98
94) Hexachlorobutadiene	13.725	225	45938	20.753	ug/l	94
95) Naphthalene	13.780	128	336592	19.861	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102011	20.221	ug/l	96

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

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