

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031315.D
 Acq On : 14 Sep 2022 19:04
 Operator : JC/MD
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Quant Time: Sep 15 02:32:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	71491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57051	56.524	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.040%			
35) Dibromofluoromethane	5.391	113	40539	52.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	8.653	98	162771	56.465	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.940%			
62) 4-Bromofluorobenzene	11.085	95	58689	55.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9320	20.991	ug/l	99
3) Chloromethane	1.288	50	15987	25.492	ug/l	94
4) Vinyl Chloride	1.368	62	18282	25.446	ug/l	97
5) Bromomethane	1.611	94	14215	26.383	ug/l	99
6) Chloroethane	1.685	64	13634	23.922	ug/l	96
7) Trichlorofluoromethane	1.886	101	31673	24.049	ug/l	100
8) Diethyl Ether	2.136	74	12451	21.241	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	12879	20.679	ug/l	99
10) Methyl Iodide	2.453	142	13713	21.170	ug/l	99
11) Tert butyl alcohol	2.995	59	28215	115.943	ug/l	98
12) 1,1-Dichloroethene	2.319	96	12720	22.156	ug/l	99
13) Acrolein	2.239	56	12065	103.585	ug/l	96
14) Allyl chloride	2.660	41	26639	21.004	ug/l	96
15) Acrylonitrile	3.068	53	50800	109.124	ug/l	99
16) Acetone	2.392	43	49094	113.937	ug/l	95
17) Carbon Disulfide	2.508	76	31938	23.718	ug/l	100
18) Methyl Acetate	2.709	43	28049	21.952	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	54377	20.453	ug/l	99
20) Methylene Chloride	2.788	84	15826	22.087	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	14089	20.988	ug/l	94
22) Diisopropyl ether	3.763	45	57786	21.773	ug/l	91
23) Vinyl Acetate	3.727	43	252313	114.393	ug/l	98
24) 1,1-Dichloroethane	3.611	63	29804	21.398	ug/l	98
25) 2-Butanone	4.568	43	79697	112.134	ug/l	95
26) 2,2-Dichloropropane	4.483	77	25112	19.003	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	17688	20.916	ug/l	99
28) Bromochloromethane	4.904	49	14236	21.928	ug/l	89
29) Tetrahydrofuran	5.013	42	49847	113.227	ug/l	98
30) Chloroform	5.099	83	31148	21.118	ug/l	94
31) Cyclohexane	5.477	56	25402	23.425	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	26734	20.228	ug/l	97
36) 1,1-Dichloropropene	5.696	75	21626	20.560	ug/l	98
37) Ethyl Acetate	4.721	43	29290	21.190	ug/l	99
38) Carbon Tetrachloride	5.684	117	22433	19.620	ug/l	98
39) Methylcyclohexane	7.385	83	24502	21.152	ug/l	98
40) Benzene	6.044	78	63625	21.065	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16119	21.526	ug/l	96
42) 1,2-Dichloroethane	6.092	62	26404	21.672	ug/l	98
43) Isopropyl Acetate	6.348	43	49265	20.880	ug/l	97
44) Trichloroethene	7.129	130	15546	20.187	ug/l	98
45) 1,2-Dichloropropane	7.434	63	17814	21.543	ug/l	96
46) Dibromomethane	7.586	93	11883	20.264	ug/l	98
47) Bromodichloromethane	7.824	83	23850	19.554	ug/l #	96
48) Methyl methacrylate	7.696	41	22615	21.055	ug/l	96
49) 1,4-Dioxane	7.690	88	9836	456.637	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	158608	110.594	ug/l	98
52) Toluene	8.720	92	41209	21.568	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	27128	19.764	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	27730	19.659	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	16980	20.132	ug/l	97
56) Ethyl methacrylate	9.116	69	27753	20.326	ug/l	91
57) 1,3-Dichloropropane	9.311	76	29689	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	64844	101.929	ug/l	97
59) 2-Hexanone	9.433	43	124362	113.615	ug/l	98
60) Dibromochloromethane	9.525	129	17509	19.255	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18301	21.146	ug/l	97
64) Tetrachloroethene	9.275	164	14239	19.542	ug/l	94
65) Chlorobenzene	10.079	112	42449	20.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15893	19.111	ug/l	97
67) Ethyl Benzene	10.195	91	79544	20.806	ug/l	100
68) m/p-Xylenes	10.305	106	60437	41.633	ug/l	93
69) o-Xylene	10.646	106	29263	19.847	ug/l	91
70) Styrene	10.659	104	48626	20.281	ug/l	96
71) Bromoform	10.799	173	11705	17.680	ug/l #	97
73) Isopropylbenzene	10.963	105	77930	20.037	ug/l	97
74) N-amyl acetate	10.841	43	40753	21.077	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28757	20.574	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27194m	20.493	ug/l	
77) Bromobenzene	11.201	156	17580	19.824	ug/l	89
78) n-propylbenzene	11.305	91	94258	20.651	ug/l	96
79) 2-Chlorotoluene	11.366	91	56902	20.374	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	67144	20.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9317	19.428	ug/l	93
82) 4-Chlorotoluene	11.457	91	66993	20.927	ug/l	95
83) tert-Butylbenzene	11.719	119	65099	19.968	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	66650	20.580	ug/l	98
85) sec-Butylbenzene	11.890	105	82710	20.261	ug/l	98
86) p-Isopropyltoluene	12.012	119	67563	20.310	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	32806	19.404	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	34514	19.862	ug/l	98
89) n-Butylbenzene	12.335	91	61866	20.972	ug/l	96
90) Hexachloroethane	12.542	117	12886	19.397	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	34295	19.923	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6846	20.179	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	18059	19.375	ug/l	98
94) Hexachlorobutadiene	13.725	225	6557	18.021	ug/l	97
95) Naphthalene	13.774	128	74796	19.751	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18539	18.573	ug/l	98

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

