

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031314.D
 Acq On : 14 Sep 2022 18:40
 Operator : JC/MD
 Sample : VX0914WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS01

Quant Time: Sep 15 02:32:06 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	41923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	71790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60014	58.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.640%			
35) Dibromofluoromethane	5.385	113	41865	54.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.500%			
50) Toluene-d8	8.653	98	166293	57.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.900%#			
62) 4-Bromofluorobenzene	11.079	95	60859	57.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9386	20.735	ug/l	96
3) Chloromethane	1.288	50	16441	25.729	ug/l	100
4) Vinyl Chloride	1.368	62	18844	25.726	ug/l	96
5) Bromomethane	1.611	94	14847	27.029	ug/l	100
6) Chloroethane	1.685	64	14063	24.203	ug/l	94
7) Trichlorofluoromethane	1.886	101	33496	24.946	ug/l	96
8) Diethyl Ether	2.136	74	13117	21.980	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	13150	20.711	ug/l	97
10) Methyl Iodide	2.453	142	13595	20.611	ug/l	98
11) Tert butyl alcohol	2.989	59	29972	122.419	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13428	22.942	ug/l	92
13) Acrolein	2.239	56	12026	101.275	ug/l	98
14) Allyl chloride	2.666	41	28484	22.029	ug/l	97
15) Acrylonitrile	3.068	53	52897	111.454	ug/l	99
16) Acetone	2.392	43	49646	113.014	ug/l	94
17) Carbon Disulfide	2.508	76	33342	24.266	ug/l	99
18) Methyl Acetate	2.709	43	28787	22.099	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	55761	20.572	ug/l	97
20) Methylene Chloride	2.788	84	16780	23.071	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	15003	21.989	ug/l	85
22) Diisopropyl ether	3.763	45	59403	21.954	ug/l	92
23) Vinyl Acetate	3.727	43	263308	117.094	ug/l	98
24) 1,1-Dichloroethane	3.611	63	30798	21.688	ug/l	99
25) 2-Butanone	4.568	43	80974	111.751	ug/l	96
26) 2,2-Dichloropropane	4.477	77	25719	19.090	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	18156	21.059	ug/l	99
28) Bromochloromethane	4.897	49	14861	22.452	ug/l	90
29) Tetrahydrofuran	5.019	42	52780	117.596	ug/l	96
30) Chloroform	5.099	83	31769	21.127	ug/l	98
31) Cyclohexane	5.470	56	26315	23.803	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	28157	20.898	ug/l	96
36) 1,1-Dichloropropene	5.696	75	22302	21.115	ug/l	99
37) Ethyl Acetate	4.721	43	30276	21.812	ug/l	99
38) Carbon Tetrachloride	5.684	117	23273	20.270	ug/l	100
39) Methylcyclohexane	7.379	83	25410	21.845	ug/l	99
40) Benzene	6.037	78	66152	21.810	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16191	21.532	ug/l	98
42) 1,2-Dichloroethane	6.092	62	27166	22.205	ug/l	97
43) Isopropyl Acetate	6.342	43	50735	21.414	ug/l	98
44) Trichloroethene	7.129	130	15886	20.542	ug/l	95
45) 1,2-Dichloropropane	7.434	63	18292	22.029	ug/l	98
46) Dibromomethane	7.580	93	12176	20.677	ug/l	98
47) Bromodichloromethane	7.824	83	25628	20.924	ug/l	98
48) Methyl methacrylate	7.696	41	23185	21.496	ug/l	97
49) 1,4-Dioxane	7.690	88	10477	484.370	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	165915	115.207	ug/l	98
52) Toluene	8.720	92	43655	22.753	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28425	20.623	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	28505	20.124	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	17592	20.770	ug/l	97
56) Ethyl methacrylate	9.116	69	30032	21.904	ug/l	95
57) 1,3-Dichloropropane	9.311	76	31041	21.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	68287	106.894	ug/l	97
59) 2-Hexanone	9.433	43	128634	117.029	ug/l	98
60) Dibromochloromethane	9.525	129	18103	19.826	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18733	21.555	ug/l	99
64) Tetrachloroethene	9.275	164	14804	20.186	ug/l	99
65) Chlorobenzene	10.079	112	45018	21.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	16236	19.398	ug/l	95
67) Ethyl Benzene	10.195	91	83408	21.677	ug/l	96
68) m/p-Xylenes	10.305	106	63619	43.544	ug/l	93
69) o-Xylene	10.640	106	31082	20.945	ug/l	94
70) Styrene	10.659	104	51825	21.476	ug/l	98
71) Bromoform	10.805	173	12545	18.827	ug/l #	98
73) Isopropylbenzene	10.963	105	81265	20.412	ug/l	97
74) N-amyl acetate	10.841	43	42585	21.516	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	29977	20.952	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29462m	21.690	ug/l	
77) Bromobenzene	11.201	156	17938	19.761	ug/l	89
78) n-propylbenzene	11.305	91	98706	21.126	ug/l	95
79) 2-Chlorotoluene	11.366	91	58760	20.554	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	70808	21.229	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10033	20.438	ug/l	96
82) 4-Chlorotoluene	11.457	91	68741	20.978	ug/l	97
83) tert-Butylbenzene	11.713	119	68239	20.448	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	70056	21.132	ug/l	98
85) sec-Butylbenzene	11.890	105	87493	20.938	ug/l	97
86) p-Isopropyltoluene	12.012	119	71082	20.875	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	34987	20.216	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	37015	20.810	ug/l	98
89) n-Butylbenzene	12.335	91	64653	21.411	ug/l	96
90) Hexachloroethane	12.542	117	12946	19.038	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	36395	20.655	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7682	22.320	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	18160	19.033	ug/l	99
94) Hexachlorobutadiene	13.725	225	7137	19.163	ug/l	98
95) Naphthalene	13.780	128	77983	20.117	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19332	18.921	ug/l	99

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

