

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031591.D
 Acq On : 23 Sep 2022 00:37
 Operator : JC/MD
 Sample : VX0922WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS02

Quant Time: Sep 23 01:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	44830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	67999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42295	51.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.760%			
35) Dibromofluoromethane	5.391	113	36662	52.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.646	98	131571	48.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.079	95	44987	49.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13442	20.855	ug/l	96
3) Chloromethane	1.288	50	14542	17.006	ug/l	99
4) Vinyl Chloride	1.373	62	18630	19.107	ug/l	96
5) Bromomethane	1.617	94	17954	12.932	ug/l	98
6) Chloroethane	1.690	64	22918	25.694	ug/l	96
7) Trichlorofluoromethane	1.885	101	53751	24.304	ug/l	98
8) Diethyl Ether	2.135	74	13525	17.756	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	13321	18.454	ug/l	93
10) Methyl Iodide	2.452	142	12353	17.688	ug/l	97
11) Tert butyl alcohol	3.026	59	21742m	106.926	ug/l	
12) 1,1-Dichloroethene	2.318	96	12892	18.475	ug/l	89
13) Acrolein	2.239	56	5326	50.444	ug/l	91
14) Allyl chloride	2.666	41	18222	16.013	ug/l	95
15) Acrylonitrile	3.074	53	39338	90.923	ug/l	99
16) Acetone	2.398	43	35434	100.824	ug/l	100
17) Carbon Disulfide	2.513	76	28412	15.112	ug/l	96
18) Methyl Acetate	2.708	43	22911	18.648	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	45789	18.144	ug/l	96
20) Methylene Chloride	2.794	84	15076	19.080	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14281	18.124	ug/l	98
22) Diisopropyl ether	3.763	45	43294	17.569	ug/l #	87
23) Vinyl Acetate	3.727	43	181289	86.026	ug/l	98
24) 1,1-Dichloroethane	3.611	63	24737	17.764	ug/l	95
25) 2-Butanone	4.574	43	58786	92.616	ug/l	99
26) 2,2-Dichloropropane	4.476	77	14734	11.978	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	16516	17.391	ug/l	88
28) Bromochloromethane	4.897	49	10869	19.538	ug/l	91
29) Tetrahydrofuran	5.019	42	36691	88.639	ug/l	93
30) Chloroform	5.092	83	28368	18.574	ug/l	95
31) Cyclohexane	5.470	56	20250	16.606	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	24069	17.350	ug/l	98
36) 1,1-Dichloropropene	5.696	75	19941	18.449	ug/l	97
37) Ethyl Acetate	4.720	43	21797	16.904	ug/l	99
38) Carbon Tetrachloride	5.677	117	21063	17.581	ug/l	97
39) Methylcyclohexane	7.385	83	23091	17.363	ug/l	88
40) Benzene	6.043	78	58782	18.229	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11033	17.185	ug/l	95
42) 1,2-Dichloroethane	6.092	62	22006	18.515	ug/l	100
43) Isopropyl Acetate	6.342	43	34282	17.298	ug/l	98
44) Trichloroethene	7.128	130	17127	18.733	ug/l	87
45) 1,2-Dichloropropane	7.433	63	14273	17.609	ug/l	99
46) Dibromomethane	7.580	93	11427	18.314	ug/l	91
47) Bromodichloromethane	7.823	83	19880	16.947	ug/l	95
48) Methyl methacrylate	7.695	41	15309	16.908	ug/l #	86
49) 1,4-Dioxane	7.726	88	9365	452.916	ug/l #	66
51) 4-Methyl-2-Pentanone	8.573	43	117572	92.234	ug/l	99
52) Toluene	8.720	92	39107	18.595	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	18729	15.428	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	21033	15.843	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	15875	18.320	ug/l	98
56) Ethyl methacrylate	9.122	69	22922	18.598	ug/l	94
57) 1,3-Dichloropropane	9.311	76	26111	18.362	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	36563	71.709	ug/l	93
59) 2-Hexanone	9.433	43	89478	93.465	ug/l	100
60) Dibromochloromethane	9.518	129	15655	17.013	ug/l	98
61) 1,2-Dibromoethane	9.610	107	17609	18.862	ug/l	99
64) Tetrachloroethene	9.274	164	16430	18.430	ug/l	93
65) Chlorobenzene	10.079	112	43124	18.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	14876	18.014	ug/l	97
67) Ethyl Benzene	10.195	91	74049	18.324	ug/l	98
68) m/p-Xylenes	10.305	106	59741	36.786	ug/l	97
69) o-Xylene	10.646	106	29733	19.181	ug/l	92
70) Styrene	10.658	104	47827	18.740	ug/l	95
71) Bromoform	10.799	173	10866	16.446	ug/l #	96
73) Isopropylbenzene	10.963	105	76231	18.694	ug/l	100
74) N-amyl acetate	10.847	43	30416	18.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	25013	20.328	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	21723m	17.823	ug/l	
77) Bromobenzene	11.201	156	18592	18.499	ug/l	91
78) n-propylbenzene	11.305	91	86448	18.426	ug/l	100
79) 2-Chlorotoluene	11.365	91	50304	18.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	63538	18.360	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4824	12.744	ug/l #	78
82) 4-Chlorotoluene	11.457	91	58579	17.875	ug/l	98
83) tert-Butylbenzene	11.713	119	63232	18.851	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	63546	18.645	ug/l	97
85) sec-Butylbenzene	11.890	105	78603	18.517	ug/l	99
86) p-Isopropyltoluene	12.012	119	64484	17.990	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	35753	18.560	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	37029	18.429	ug/l	97
89) n-Butylbenzene	12.335	91	53740	17.600	ug/l	98
90) Hexachloroethane	12.542	117	10214	16.583	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	35519	18.310	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	4764	17.002	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	20598	19.270	ug/l	96
94) Hexachlorobutadiene	13.725	225	7646	18.021	ug/l	98
95) Naphthalene	13.774	128	75916	19.392	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21393	19.418	ug/l	97

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

