

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031611.D
 Acq On : 23 Sep 2022 09:39
 Operator : JC/MD
 Sample : VX0922WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS04

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 15:52:48 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	52854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48688	50.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	5.391	113	42619	53.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.646	98	156395	50.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	53693	51.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	16070	21.147	ug/l	100
3) Chloromethane	1.294	50	17407	17.266	ug/l	98
4) Vinyl Chloride	1.373	62	20900	18.181	ug/l	98
5) Bromomethane	1.611	94	28615	17.482	ug/l	92
6) Chloroethane	1.684	64	27943	26.679	ug/l	100
7) Trichlorofluoromethane	1.886	101	52507	20.137	ug/l	95
8) Diethyl Ether	2.135	74	16286	18.135	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	16467	19.349	ug/l	93
10) Methyl Iodide	2.452	142	17002	20.649	ug/l	99
11) Tert butyl alcohol	3.001	59	18774	68.453	ug/l	97
12) 1,1-Dichloroethene	2.318	96	15232	18.515	ug/l	89
13) Acrolein	2.239	56	5154	39.235	ug/l	89
14) Allyl chloride	2.666	41	21594	16.096	ug/l	94
15) Acrylonitrile	3.068	53	43534	85.346	ug/l	97
16) Acetone	2.392	43	45374	110.751	ug/l	100
17) Carbon Disulfide	2.513	76	33959	15.320	ug/l	99
18) Methyl Acetate	2.709	43	25497	17.603	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	53295	17.912	ug/l	95
20) Methylene Chloride	2.788	84	17086	18.246	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16713	17.990	ug/l	90
22) Diisopropyl ether	3.757	45	51501	17.727	ug/l #	73
23) Vinyl Acetate	3.721	43	216164	87.003	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29410	17.913	ug/l	97
25) 2-Butanone	4.568	43	67824	90.633	ug/l	95
26) 2,2-Dichloropropane	4.470	77	24853	17.137	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	20151	17.997	ug/l	89
28) Bromochloromethane	4.897	49	12849	19.590	ug/l	91
29) Tetrahydrofuran	5.019	42	41886	85.827	ug/l	94
30) Chloroform	5.098	83	33837	18.791	ug/l	96
31) Cyclohexane	5.470	56	24939	17.347	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	28830	17.627	ug/l	99
36) 1,1-Dichloropropene	5.690	75	24191	19.562	ug/l	97
37) Ethyl Acetate	4.714	43	24669	16.722	ug/l	99
38) Carbon Tetrachloride	5.678	117	25096	18.308	ug/l	95
39) Methylcyclohexane	7.378	83	28582	18.784	ug/l	87
40) Benzene	6.043	78	71183	19.294	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	13133	17.880	ug/l	94
42) 1,2-Dichloroethane	6.086	62	25665	18.873	ug/l	97
43) Isopropyl Acetate	6.342	43	40756	17.974	ug/l	99
44) Trichloroethene	7.122	130	20765	19.851	ug/l	89
45) 1,2-Dichloropropane	7.427	63	17438	18.803	ug/l	92
46) Dibromomethane	7.580	93	13718	19.217	ug/l	91
47) Bromodichloromethane	7.823	83	24770	18.455	ug/l	98
48) Methyl methacrylate	7.695	41	18225	17.593	ug/l #	87
49) 1,4-Dioxane	7.695	88	9727	411.167	ug/l	89
51) 4-Methyl-2-Pentanone	8.573	43	134211	92.025	ug/l	100
52) Toluene	8.720	92	47824	19.876	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	24680	17.770	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	26999	17.775	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	19193	19.359	ug/l	95
56) Ethyl methacrylate	9.116	69	27111	19.226	ug/l	93
57) 1,3-Dichloropropane	9.311	76	31833	19.566	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	61652	105.602	ug/l	93
59) 2-Hexanone	9.433	43	106439	97.177	ug/l	100
60) Dibromochloromethane	9.518	129	18961	18.010	ug/l	97
61) 1,2-Dibromoethane	9.610	107	20477	19.172	ug/l	99
64) Tetrachloroethene	9.274	164	20454	19.675	ug/l	96
65) Chlorobenzene	10.079	112	51870	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18890	19.616	ug/l	100
67) Ethyl Benzene	10.195	91	91366	19.388	ug/l	100
68) m/p-Xylenes	10.299	106	74616	39.399	ug/l	95
69) o-Xylene	10.640	106	35763	19.784	ug/l	94
70) Styrene	10.658	104	57770	19.410	ug/l	98
71) Bromoform	10.799	173	13425	17.424	ug/l #	97
73) Isopropylbenzene	10.963	105	93241	18.819	ug/l	99
74) N-amyl acetate	10.841	43	36920	18.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30013	20.027	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	23495m	15.866	ug/l	
77) Bromobenzene	11.201	156	23357	19.128	ug/l	91
78) n-propylbenzene	11.305	91	107699	18.894	ug/l	100
79) 2-Chlorotoluene	11.366	91	62820	18.515	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	80960	19.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7212	15.682	ug/l	87
82) 4-Chlorotoluene	11.457	91	74083	18.606	ug/l	97
83) tert-Butylbenzene	11.713	119	76292	18.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79853	19.284	ug/l	96
85) sec-Butylbenzene	11.890	105	100021	19.393	ug/l	100
86) p-Isopropyltoluene	12.012	119	85718	19.682	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44134	18.856	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	45720	18.728	ug/l	98
89) n-Butylbenzene	12.335	91	72594	19.568	ug/l	97
90) Hexachloroethane	12.542	117	13166	17.594	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45163	19.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5719	16.798	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	26958	20.757	ug/l	99
94) Hexachlorobutadiene	13.725	225	10394	20.444	ug/l	98
95) Naphthalene	13.780	128	95987	20.181	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26647	19.907	ug/l	98

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

