

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031539.D
 Acq On : 22 Sep 2022 00:24
 Operator : JC/MD
 Sample : VX0921WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:17:02 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	47284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46256	53.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.620%			
35) Dibromofluoromethane	5.391	113	38984	50.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.653	98	142370	48.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.120%			
62) 4-Bromofluorobenzene	11.079	95	47807	47.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14028	20.635	ug/l	96
3) Chloromethane	1.288	50	16067	17.815	ug/l	100
4) Vinyl Chloride	1.374	62	20495	19.929	ug/l	96
5) Bromomethane	1.611	94	24070	16.437	ug/l	97
6) Chloroethane	1.691	64	25654	27.462	ug/l	95
7) Trichlorofluoromethane	1.886	101	42766	18.333	ug/l	99
8) Diethyl Ether	2.136	74	14628	18.207	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	13468	17.690	ug/l #	89
10) Methyl Iodide	2.453	142	11471	15.573	ug/l	98
11) Tert butyl alcohol	3.001	59	22126m	101.872	ug/l	
12) 1,1-Dichloroethene	2.319	96	13249	18.001	ug/l	91
13) Acrolein	2.239	56	6545	60.772	ug/l	98
14) Allyl chloride	2.666	41	19454	16.209	ug/l	94
15) Acrylonitrile	3.068	53	41275	90.449	ug/l	100
16) Acetone	2.398	43	36400	97.821	ug/l #	88
17) Carbon Disulfide	2.508	76	30624	15.443	ug/l	97
18) Methyl Acetate	2.709	43	22674	17.498	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	47337	17.783	ug/l	99
20) Methylene Chloride	2.788	84	15620	18.699	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	14431	17.364	ug/l	89
22) Diisopropyl ether	3.757	45	45682	17.576	ug/l #	72
23) Vinyl Acetate	3.727	43	193462	87.038	ug/l	97
24) 1,1-Dichloroethane	3.611	63	25653	17.465	ug/l	95
25) 2-Butanone	4.568	43	59326	88.616	ug/l	94
26) 2,2-Dichloropropane	4.477	77	15346	11.828	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	16943	16.914	ug/l	86
28) Bromochloromethane	4.897	49	11966	20.393	ug/l	88
29) Tetrahydrofuran	5.013	42	38216	87.531	ug/l	95
30) Chloroform	5.099	83	28491	17.686	ug/l	98
31) Cyclohexane	5.471	56	21939	17.058	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	25203	17.225	ug/l	99
36) 1,1-Dichloropropene	5.696	75	20248	17.134	ug/l	97
37) Ethyl Acetate	4.721	43	23340	16.555	ug/l	98
38) Carbon Tetrachloride	5.684	117	21157	16.151	ug/l	96
39) Methylcyclohexane	7.385	83	23965	16.481	ug/l	94
40) Benzene	6.044	78	60536	17.170	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11424	16.275	ug/l	92
42) 1,2-Dichloroethane	6.092	62	22732	17.493	ug/l	99
43) Isopropyl Acetate	6.348	43	36829	16.997	ug/l	99
44) Trichloroethene	7.129	130	17224	17.230	ug/l	93
45) 1,2-Dichloropropane	7.434	63	15090	17.027	ug/l	92
46) Dibromomethane	7.580	93	11488	16.840	ug/l	88
47) Bromodichloromethane	7.824	83	20877	16.277	ug/l	96
48) Methyl methacrylate	7.696	41	16105	16.269	ug/l	87
49) 1,4-Dioxane	7.714	88	8669	383.459	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	124754	89.512	ug/l	100
52) Toluene	8.720	92	40244	17.502	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	19907	14.999	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	22579	15.555	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	16894	17.831	ug/l	97
56) Ethyl methacrylate	9.116	69	23269	17.268	ug/l	93
57) 1,3-Dichloropropane	9.311	76	27508	17.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	45083	80.847	ug/l	94
59) 2-Hexanone	9.433	43	94363	90.152	ug/l	99
60) Dibromochloromethane	9.525	129	17139	17.035	ug/l	94
61) 1,2-Dibromoethane	9.610	107	18257	17.887	ug/l	99
64) Tetrachloroethene	9.275	164	17132	17.570	ug/l	94
65) Chlorobenzene	10.079	112	43822	17.505	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	15900	17.603	ug/l	99
67) Ethyl Benzene	10.195	91	77245	17.476	ug/l	99
68) m/p-Xylenes	10.305	106	61781	34.781	ug/l	94
69) o-Xylene	10.640	106	30505	17.992	ug/l	96
70) Styrene	10.659	104	47974	17.186	ug/l	98
71) Bromoform	10.799	173	11511	15.928	ug/l #	98
73) Isopropylbenzene	10.963	105	77823	18.229	ug/l	99
74) N-amyl acetate	10.848	43	31433	18.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	25480	19.674	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23082m	18.090	ug/l	
77) Bromobenzene	11.195	156	18833	17.899	ug/l	94
78) n-propylbenzene	11.305	91	88024	17.921	ug/l	99
79) 2-Chlorotoluene	11.366	91	51384	17.576	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	64889	17.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5513	13.912	ug/l #	83
82) 4-Chlorotoluene	11.457	91	59691	17.398	ug/l	98
83) tert-Butylbenzene	11.713	119	64447	18.353	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	64664	18.123	ug/l	99
85) sec-Butylbenzene	11.890	105	79303	17.845	ug/l	100
86) p-Isopropyltoluene	12.012	119	67607	18.016	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	36294	17.996	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	37624	17.886	ug/l	97
89) n-Butylbenzene	12.335	91	54739	17.124	ug/l	99
90) Hexachloroethane	12.542	117	10461	16.223	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	36176	17.813	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4928	16.799	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	21134	18.885	ug/l	96
94) Hexachlorobutadiene	13.725	225	7864	17.666	ug/l	94
95) Naphthalene	13.774	128	79683	19.442	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21736	18.845	ug/l	97

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

