

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031187.D
 Acq On : 08 Sep 2022 03:45
 Operator : JC/MD
 Sample : VX0907WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS02

Quant Time: Sep 08 04:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						09/08/2022
1) Pentafluorobenzene	5.556	168	40392	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	71653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45361	50.000	ug/l	0.00
System Monitoring Compounds						09/08/2022
33) 1,2-Dichloroethane-d4	5.958	65	61206	64.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	128.000%#
35) Dibromofluoromethane	5.391	113	41820	53.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.120%
50) Toluene-d8	8.653	98	135610	47.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	53444	51.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	13972	21.525	ug/l	100
3) Chloromethane	1.288	50	11077	22.207	ug/l	96
4) Vinyl Chloride	1.374	62	12930	21.959	ug/l	93
5) Bromomethane	1.611	94	8357	22.214	ug/l	96
6) Chloroethane	1.684	64	8484	25.685	ug/l	92
7) Trichlorofluoromethane	1.886	101	28549	22.251	ug/l	99
8) Diethyl Ether	2.130	74	9011	24.726	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	14128	19.472	ug/l	95
10) Methyl Iodide	2.453	142	15085	16.814	ug/l	# 79
11) Tert butyl alcohol	3.007	59	29455m	162.840	ug/l	
12) 1,1-Dichloroethene	2.319	96	14411	21.131	ug/l	92
13) Acrolein	2.239	56	15693	118.159	ug/l	96
14) Allyl chloride	2.666	41	19660	21.460	ug/l	# 77
15) Acrylonitrile	3.068	53	42981	118.036	ug/l	95
16) Acetone	2.392	43	42680	128.897	ug/l	92
17) Carbon Disulfide	2.514	76	35421	21.126	ug/l	99
18) Methyl Acetate	2.709	43	20126	23.479	ug/l	# 89
19) Methyl tert-butyl Ether	3.117	73	59901	24.730	ug/l	# 88
20) Methylene Chloride	2.788	84	17529	22.524	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	15681	20.752	ug/l	99
22) Diisopropyl ether	3.769	45	43002	22.353	ug/l	# 85
23) Vinyl Acetate	3.727	43	190452	117.946	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	29616	23.210	ug/l	97
25) 2-Butanone	4.568	43	57807	117.862	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	20271	17.753	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	18242	21.027	ug/l	95
28) Bromochloromethane	4.903	49	10918	23.597	ug/l	# 81
29) Tetrahydrofuran	5.019	42	33814	116.774	ug/l	# 81
30) Chloroform	5.098	83	33944	22.489	ug/l	98
31) Cyclohexane	5.476	56	19837	18.563	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	30814	22.651	ug/l	97
36) 1,1-Dichloropropene	5.696	75	21813	18.654	ug/l	95
37) Ethyl Acetate	4.721	43	20421	19.686	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	25593	20.802	ug/l	97
39) Methylcyclohexane	7.385	83	21516	16.111	ug/l	# 91
40) Benzene	6.043	78	63149	19.880	ug/l	99

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41) Methacrylonitrile	4.928	41	11744	21.651	ug/l	#	90
42) 1,2-Dichloroethane	6.092	62	30880	23.744	ug/l		94
43) Isopropyl Acetate	6.342	43	35071	21.443	ug/l	#	95
44) Trichloroethene	7.135	130	16067	17.994	ug/l		99
45) 1,2-Dichloropropane	7.433	63	15316	19.619	ug/l		97
46) Dibromomethane	7.580	93	13265	21.429	ug/l		93
47) Bromodichloromethane	7.824	83	27484	22.824	ug/l		99
48) Methyl methacrylate	7.696	41	17498	21.970	ug/l	#	88
49) 1,4-Dioxane	7.696	88	9609	437.040	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	110201	110.033	ug/l		93
52) Toluene	8.720	92	39127	18.675	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	26041	20.759	ug/l		94
54) cis-1,3-Dichloropropene	8.372	75	26924	19.992	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	17954	20.843	ug/l		88
56) Ethyl methacrylate	9.116	69	28135	22.170	ug/l		92
57) 1,3-Dichloropropane	9.311	76	30757	20.665	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	57268	95.747	ug/l		94
59) 2-Hexanone	9.433	43	85313	112.642	ug/l		95
60) Dibromochloromethane	9.525	129	19563	22.029	ug/l		98
61) 1,2-Dibromoethane	9.610	107	19676	20.555	ug/l		97
64) Tetrachloroethene	9.275	164	13829	17.888	ug/l		92
65) Chlorobenzene	10.079	112	41549	19.003	ug/l		94
66) 1,1,1,2-Tetrachloroethane	10.165	131	17785	20.825	ug/l		94
67) Ethyl Benzene	10.195	91	77049	19.446	ug/l		96
68) m/p-Xylenes	10.305	106	55523	37.802	ug/l		85
69) o-Xylene	10.640	106	28907	19.719	ug/l		88
70) Styrene	10.658	104	46361	19.722	ug/l	#	90
71) Bromoform	10.799	173	12096	21.258	ug/l	#	94
73) Isopropylbenzene	10.963	105	74293	18.861	ug/l		95
74) N-amyl acetate	10.841	43	26504	21.135	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	26143	21.261	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	25086m	20.264	ug/l		
77) Bromobenzene	11.201	156	17026	19.888	ug/l		94
78) n-propylbenzene	11.305	91	84229	18.759	ug/l		96
79) 2-Chlorotoluene	11.366	91	54156	19.469	ug/l		91
80) 1,3,5-Trimethylbenzene	11.451	105	64555	19.494	ug/l		93
81) trans-1,4-Dichloro-2-b...	11.018	75	7524	19.600	ug/l		86
82) 4-Chlorotoluene	11.457	91	62132	19.305	ug/l		91
83) tert-Butylbenzene	11.713	119	60638	18.575	ug/l		93
84) 1,2,4-Trimethylbenzene	11.750	105	63140	19.613	ug/l		96
85) sec-Butylbenzene	11.890	105	73926	18.285	ug/l		98
86) p-Isopropyltoluene	12.012	119	61972	18.974	ug/l		93
87) 1,3-Dichlorobenzene	11.969	146	30396	19.104	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	30982	18.935	ug/l		96
89) n-Butylbenzene	12.335	91	52592	18.675	ug/l		98
90) Hexachloroethane	12.542	117	10538	18.778	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	32314	20.710	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7251	21.472	ug/l		81
93) 1,2,4-Trichlorobenzene	13.591	180	18518	20.295	ug/l		96
94) Hexachlorobutadiene	13.725	225	7447	19.220	ug/l		99
95) Naphthalene	13.780	128	74937	20.965	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	18115	19.500	ug/l		96

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

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