

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029935.D
 Acq On : 06 Jul 2022 11:46
 Operator : JC/MD
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Quant Time: Jul 07 02:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127359	53.386	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.780%			
35) Dibromofluoromethane	5.391	113	113739	55.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.040%			
50) Toluene-d8	8.653	98	436947	56.346	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.700%			
62) 4-Bromofluorobenzene	11.085	95	153817	56.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40755	22.175	ug/l	99
3) Chloromethane	1.288	50	41082	19.401	ug/l	99
4) Vinyl Chloride	1.373	62	44847	21.294	ug/l	99
5) Bromomethane	1.611	94	21855	18.834	ug/l	98
6) Chloroethane	1.684	64	24498	17.787	ug/l	93
7) Trichlorofluoromethane	1.886	101	59823	22.128	ug/l	98
8) Diethyl Ether	2.136	74	26534	21.896	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	41510	21.962	ug/l	97
10) Methyl Iodide	2.453	142	36581	15.469	ug/l	97
11) Tert butyl alcohol	2.989	59	66976	107.351	ug/l	98
12) 1,1-Dichloroethene	2.318	96	41097	21.174	ug/l	96
13) Acrolein	2.239	56	17640	56.279	ug/l	93
14) Allyl chloride	2.666	41	73934	20.641	ug/l	97
15) Acrylonitrile	3.068	53	157576	108.186	ug/l	99
16) Acetone	2.392	43	121294	103.926	ug/l	98
17) Carbon Disulfide	2.513	76	91362	18.931	ug/l	95
18) Methyl Acetate	2.709	43	77270	21.475	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	139693	21.318	ug/l	98
20) Methylene Chloride	2.788	84	49693	20.161	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	42102	19.777	ug/l	95
22) Diisopropyl ether	3.763	45	151463	20.925	ug/l	94
23) Vinyl Acetate	3.721	43	656725	104.901	ug/l	98
24) 1,1-Dichloroethane	3.611	63	79259	20.763	ug/l	98
25) 2-Butanone	4.568	43	213509	105.399	ug/l	99
26) 2,2-Dichloropropane	4.470	77	55667	22.218	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	53832	21.418	ug/l	97
28) Bromochloromethane	4.903	49	33339	21.790	ug/l	96
29) Tetrahydrofuran	5.013	42	140400	105.318	ug/l	99
30) Chloroform	5.098	83	78740	21.035	ug/l	95
31) Cyclohexane	5.476	56	71051	21.361	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	62222	20.874	ug/l	99
36) 1,1-Dichloropropene	5.696	75	57110	20.773	ug/l	98
37) Ethyl Acetate	4.720	43	79333	21.098	ug/l	99
38) Carbon Tetrachloride	5.678	117	51417	21.583	ug/l	93
39) Methylcyclohexane	7.378	83	75821	22.809	ug/l	97
40) Benzene	6.037	78	189254	21.289	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43266	21.645	ug/l	98
42) 1,2-Dichloroethane	6.092	62	59023	21.633	ug/l	98
43) Isopropyl Acetate	6.342	43	120709	21.318	ug/l	99
44) Trichloroethene	7.128	130	49882	20.835	ug/l	95
45) 1,2-Dichloropropane	7.433	63	50004	21.292	ug/l	99
46) Dibromomethane	7.586	93	34246	22.292	ug/l	98
47) Bromodichloromethane	7.824	83	59393	21.569	ug/l	98
48) Methyl methacrylate	7.695	41	57406	21.383	ug/l	99
49) 1,4-Dioxane	7.683	88	29527	464.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	410772	110.018	ug/l	100
52) Toluene	8.720	92	116299	21.680	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65598	22.355	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	73805	22.257	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	51539	22.052	ug/l	97
56) Ethyl methacrylate	9.116	69	79210	21.496	ug/l	98
57) 1,3-Dichloropropane	9.311	76	84960	22.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	167376	95.192	ug/l	100
59) 2-Hexanone	9.433	43	317860	109.701	ug/l	99
60) Dibromochloromethane	9.524	129	45136	21.858	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52477	21.972	ug/l	97
64) Tetrachloroethene	9.274	164	45886	26.024	ug/l	96
65) Chlorobenzene	10.079	112	124585	21.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42636	21.746	ug/l	98
67) Ethyl Benzene	10.195	91	218247	21.383	ug/l	97
68) m/p-Xylenes	10.305	106	169004	43.173	ug/l	100
69) o-Xylene	10.646	106	85232	21.496	ug/l	99
70) Styrene	10.658	104	144524	22.051	ug/l	99
71) Bromoform	10.799	173	31304	22.383	ug/l #	98
73) Isopropylbenzene	10.963	105	212801	20.618	ug/l	98
74) N-amyl acetate	10.847	43	103765	20.305	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	81799	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72223m	21.151	ug/l	
77) Bromobenzene	11.201	156	50252	20.242	ug/l	96
78) n-propylbenzene	11.305	91	258442	21.231	ug/l	100
79) 2-Chlorotoluene	11.366	91	150196	20.753	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	178510	20.833	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23369	21.734	ug/l	92
82) 4-Chlorotoluene	11.457	91	171428	20.791	ug/l	100
83) tert-Butylbenzene	11.719	119	175184	20.630	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	181642	21.162	ug/l	99
85) sec-Butylbenzene	11.890	105	231249	21.611	ug/l	100
86) p-Isopropyltoluene	12.012	119	190719	22.330	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	100397	21.063	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	100443	20.652	ug/l	99
89) n-Butylbenzene	12.335	91	176151	21.941	ug/l	99
90) Hexachloroethane	12.542	117	30546	21.925	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	99951	21.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19305	22.736	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	61137	21.545	ug/l	98
94) Hexachlorobutadiene	13.725	225	23458	22.347	ug/l	99
95) Naphthalene	13.780	128	249105	21.622	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61756	21.258	ug/l	99

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

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