

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072522\
 Data File : VX030189.D
 Acq On : 25 Jul 2022 12:58
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 25 16:12:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:09:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	145244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	27305	9.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.260%#		
35) Dibromofluoromethane	5.391	113	22357	9.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.740%#		
50) Toluene-d8	8.653	98	83098	9.061	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.120%#		
62) 4-Bromofluorobenzene	11.085	95	28290	8.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	16.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26819	10.880	ug/l	94
3) Chloromethane	1.294	50	24608	10.439	ug/l	98
4) Vinyl Chloride	1.374	62	23557	9.901	ug/l	99
5) Bromomethane	1.605	94	15148	13.416	ug/l	89
6) Chloroethane	1.685	64	13869	10.267	ug/l	98
7) Trichlorofluoromethane	1.886	101	32718	10.501	ug/l	97
8) Diethyl Ether	2.136	74	13062	10.713	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	23104	10.011	ug/l	98
10) Methyl Iodide	2.453	142	18638	8.992	ug/l	94
11) Tert butyl alcohol	2.971	59	35116	49.731	ug/l	99
12) 1,1-Dichloroethene	2.319	96	23194	10.269	ug/l	92
13) Acrolein	2.239	56	9010	48.361	ug/l	100
14) Allyl chloride	2.666	41	45964	9.860	ug/l	97
15) Acrylonitrile	3.069	53	90003	51.137	ug/l	99
16) Acetone	2.386	43	75960	50.737	ug/l	98
17) Carbon Disulfide	2.514	76	60025	9.858	ug/l	98
18) Methyl Acetate	2.709	43	44121	10.063	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	78364	10.108	ug/l	98
20) Methylene Chloride	2.788	84	30025	8.698	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	24609	9.928	ug/l	95
22) Diisopropyl ether	3.770	45	88239	9.998	ug/l	94
23) Vinyl Acetate	3.727	43	389388	50.714	ug/l	96
24) 1,1-Dichloroethane	3.617	63	46898	10.005	ug/l	98
25) 2-Butanone	4.562	43	126802	50.555	ug/l	95
26) 2,2-Dichloropropane	4.477	77	33194	9.956	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	29295	9.988	ug/l	94
28) Bromochloromethane	4.904	49	19554	9.654	ug/l	96
29) Tetrahydrofuran	5.013	42	85209	50.603	ug/l	95
30) Chloroform	5.105	83	47156	10.178	ug/l	99
31) Cyclohexane	5.471	56	42730	10.137	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	37589	9.972	ug/l	99
36) 1,1-Dichloropropene	5.690	75	35036	10.406	ug/l	97
37) Ethyl Acetate	4.727	43	48052	10.151	ug/l	97
38) Carbon Tetrachloride	5.690	117	32769	10.443	ug/l	96
39) Methylcyclohexane	7.385	83	41860	9.811	ug/l	93
40) Benzene	6.044	78	105866	10.058	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	24668	9.674	ug/l	96
42) 1,2-Dichloroethane	6.098	62	35330	9.692	ug/l	97
43) Isopropyl Acetate	6.348	43	70055	10.074	ug/l	97
44) Trichloroethene	7.135	130	28433	9.872	ug/l	91
45) 1,2-Dichloropropane	7.440	63	28087	9.987	ug/l	99
46) Dibromomethane	7.586	93	19725	10.342	ug/l	94
47) Bromodichloromethane	7.824	83	34223	9.839	ug/l	93
48) Methyl methacrylate	7.696	41	34629	10.101	ug/l	97
49) 1,4-Dioxane	7.665	88	15909	202.011	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	238016	50.293	ug/l	98
52) Toluene	8.720	92	65192	10.145	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36367	9.759	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	39582	9.711	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	28226	10.355	ug/l	98
56) Ethyl methacrylate	9.122	69	42926	9.924	ug/l	94
57) 1,3-Dichloropropane	9.311	76	45236	10.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	110875	50.197	ug/l	97
59) 2-Hexanone	9.433	43	183824	49.446	ug/l	97
60) Dibromochloromethane	9.525	129	24726	9.777	ug/l	98
61) 1,2-Dibromoethane	9.616	107	27443	9.618	ug/l	95
64) Tetrachloroethene	9.281	164	27981	10.226	ug/l	94
65) Chlorobenzene	10.079	112	68515	10.035	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	23216	9.945	ug/l	96
67) Ethyl Benzene	10.195	91	120764	9.017	ug/l	98
68) m/p-Xylenes	10.305	106	91993	19.932	ug/l	96
69) o-Xylene	10.646	106	46727	10.275	ug/l	96
70) Styrene	10.659	104	74634	9.998	ug/l	97
71) Bromoform	10.805	173	16826	9.834	ug/l #	98
73) Isopropylbenzene	10.963	105	116679	10.287	ug/l	99
74) N-amyl acetate	10.848	43	54939	9.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	44016	10.642	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	39954m	9.790	ug/l	
77) Bromobenzene	11.201	156	27532	10.343	ug/l	96
78) n-propylbenzene	11.305	91	138513	10.272	ug/l	97
79) 2-Chlorotoluene	11.366	91	83340	9.774	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	96968	10.246	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11881	9.341	ug/l	90
82) 4-Chlorotoluene	11.457	91	92661	9.968	ug/l	98
83) tert-Butylbenzene	11.719	119	90754	10.329	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	97148	10.250	ug/l	99
85) sec-Butylbenzene	11.890	105	120876	10.023	ug/l	99
86) p-Isopropyltoluene	12.012	119	97497	10.115	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	50835	9.851	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	50900	9.813	ug/l	97
89) n-Butylbenzene	12.335	91	86917	9.709	ug/l	98
90) Hexachloroethane	12.542	117	15949	9.609	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	51714	10.195	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9671	9.554	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	29301	9.973	ug/l	98
94) Hexachlorobutadiene	13.725	225	11805	10.103	ug/l	97
95) Naphthalene	13.780	128	117577	10.157	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30619	10.084	ug/l	100

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

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