

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031452.D
 Acq On : 19 Sep 2022 10:45
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Sep 20 02:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 02:26:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	55963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	10664	9.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.200%#
35) Dibromofluoromethane	5.385	113	8756	9.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.460%#
50) Toluene-d8	8.647	98	31226	9.387	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.780%#
62) 4-Bromofluorobenzene	11.085	95	10324	8.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.640%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7147	8.883	ug/l	94
3) Chloromethane	1.288	50	10026	9.393	ug/l	97
4) Vinyl Chloride	1.374	62	12028	9.882	ug/l	96
5) Bromomethane	1.611	94	17861	10.306	ug/l	97
6) Chloroethane	1.685	64	12293	9.359	ug/l	98
7) Trichlorofluoromethane	1.886	101	26417	9.568	ug/l	96
8) Diethyl Ether	2.136	74	9017	9.483	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	9386	10.416	ug/l	92
10) Methyl Iodide	2.453	142	7722	8.857	ug/l	99
11) Tert butyl alcohol	2.977	59	14716	52.728	ug/l	95
12) 1,1-Dichloroethene	2.319	96	8635	9.913	ug/l	89
13) Acrolein	2.239	56	5835	45.906	ug/l	91
14) Allyl chloride	2.660	41	13544	9.535	ug/l	95
15) Acrylonitrile	3.062	53	26352	48.791	ug/l	99
16) Acetone	2.386	43	23953	48.876	ug/l	98
17) Carbon Disulfide	2.508	76	21874	9.320	ug/l	100
18) Methyl Acetate	2.703	43	14878	9.701	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	30049	9.538	ug/l	99
20) Methylene Chloride	2.788	84	10587	9.465	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	9307	9.462	ug/l	97
22) Diisopropyl ether	3.763	45	29423	9.565	ug/l	94
23) Vinyl Acetate	3.721	43	124123	47.182	ug/l	100
24) 1,1-Dichloroethane	3.611	63	17167	9.875	ug/l	96
25) 2-Butanone	4.562	43	38932	49.134	ug/l	97
26) 2,2-Dichloropropane	4.477	77	15177	9.884	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	11145	9.401	ug/l	91
28) Bromochloromethane	4.903	49	5316	7.655	ug/l #	87
29) Tetrahydrofuran	5.007	42	24887	48.162	ug/l	98
30) Chloroform	5.092	83	18389	9.645	ug/l	93
31) Cyclohexane	5.470	56	14837	9.747	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	16755	9.675	ug/l	98
36) 1,1-Dichloropropene	5.690	75	13092	9.956	ug/l	96
37) Ethyl Acetate	4.721	43	15399	9.816	ug/l	99
38) Carbon Tetrachloride	5.678	117	14306	9.815	ug/l	94
39) Methylcyclohexane	7.379	83	16662	10.298	ug/l #	88
40) Benzene	6.031	78	39154	9.981	ug/l	98

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41) Methacrylonitrile	4.928	41	7741	9.911	ug/l	96
42) 1,2-Dichloroethane	6.086	62	14858	10.275	ug/l	100
43) Isopropyl Acetate	6.342	43	24462	10.146	ug/l	98
44) Trichloroethene	7.123	130	11157	10.030	ug/l	91
45) 1,2-Dichloropropane	7.427	63	9653	9.789	ug/l	98
46) Dibromomethane	7.580	93	7463	9.832	ug/l	92
47) Bromodichloromethane	7.818	83	14536	10.185	ug/l	96
48) Methyl methacrylate	7.696	41	10826	9.828	ug/l	92
49) 1,4-Dioxane	7.690	88	5353	212.796	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	75996	49.004	ug/l	100
52) Toluene	8.720	92	24529	9.587	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	14546	9.849	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	15616	9.668	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	10326	9.795	ug/l	98
56) Ethyl methacrylate	9.116	69	14198	9.469	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	16854	9.742	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	25661	44.267	ug/l	98
59) 2-Hexanone	9.433	43	58513	50.239	ug/l	99
60) Dibromochloromethane	9.518	129	10900	9.736	ug/l	98
61) 1,2-Dibromoethane	9.610	107	11116	9.787	ug/l	98
64) Tetrachloroethene	9.275	164	11139	10.088	ug/l	94
65) Chlorobenzene	10.079	112	27370	9.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	10253	10.024	ug/l	99
67) Ethyl Benzene	10.195	91	47893	9.568	ug/l	99
68) m/p-Xylenes	10.299	106	37765	18.775	ug/l	99
69) o-Xylene	10.640	106	18249	9.505	ug/l	96
70) Styrene	10.659	104	29146	9.220	ug/l	98
71) Bromoform	10.799	173	7729	9.444	ug/l #	96
73) Isopropylbenzene	10.963	105	49040	10.527	ug/l	98
74) N-amyl acetate	10.841	43	20040	10.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	16707	10.638	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	14327m	10.759	ug/l	
77) Bromobenzene	11.195	156	11833	10.306	ug/l	93
78) n-propylbenzene	11.305	91	54991	10.261	ug/l	100
79) 2-Chlorotoluene	11.366	91	32038	10.043	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	39072	9.883	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4330	10.014	ug/l	90
82) 4-Chlorotoluene	11.457	91	37494	10.015	ug/l	98
83) tert-Butylbenzene	11.713	119	39592	10.333	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	39837	10.232	ug/l	98
85) sec-Butylbenzene	11.890	105	50230	10.358	ug/l	100
86) p-Isopropyltoluene	12.012	119	41411	10.113	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	22866	10.391	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	22847	9.954	ug/l	98
89) n-Butylbenzene	12.335	91	35878	10.286	ug/l	97
90) Hexachloroethane	12.536	117	7288	10.358	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	22203	10.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3168	9.897	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	13230	10.835	ug/l	95
94) Hexachlorobutadiene	13.725	225	5102	10.461	ug/l	98
95) Naphthalene	13.780	128	46191	10.329	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	13691	10.878	ug/l	99

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

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