

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031716.D
 Acq On : 28 Sep 2022 08:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 04:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

09/29/2022
 Supervised By : Mahesh
 Dadoda

09/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73097	43.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.320%		
35) Dibromofluoromethane	5.379	113	63155	44.349	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.700%		
50) Toluene-d8	8.647	98	235130	45.544	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.080%		
62) 4-Bromofluorobenzene	11.079	95	94514	49.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42266	44.021	ug/l	97
3) Chloromethane	1.288	50	44139	52.211	ug/l	97
4) Vinyl Chloride	1.374	62	58976	44.634	ug/l	99
5) Bromomethane	1.611	94	62893	53.471	ug/l	97
6) Chloroethane	1.685	64	71833	45.584	ug/l	97
7) Trichlorofluoromethane	1.886	101	148344	46.038	ug/l	98
8) Diethyl Ether	2.130	74	47540	51.389	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	57019	54.372	ug/l	94
10) Methyl Iodide	2.447	142	62502	60.805	ug/l	99
11) Tert butyl alcohol	3.007	59	46996	214.376	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48701	61.090	ug/l	90
13) Acrolein	2.239	56	23980	238.435	ug/l	97
14) Allyl chloride	2.660	41	70491	51.090	ug/l #	91
15) Acrylonitrile	3.062	53	141374	243.282	ug/l	98
16) Acetone	2.392	43	117061	306.214	ug/l	98
17) Carbon Disulfide	2.508	76	99816	56.983	ug/l	99
18) Methyl Acetate	2.703	43	73287	48.706	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	195099	52.387	ug/l	97
20) Methylene Chloride	2.788	84	60130	57.026	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	58916	50.819	ug/l	94
22) Diisopropyl ether	3.757	45	175989	49.560	ug/l #	89
23) Vinyl Acetate	3.721	43	710266	252.910	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	106080	51.817	ug/l	98
25) 2-Butanone	4.556	43	194817	243.753	ug/l	91
26) 2,2-Dichloropropane	4.471	77	95203	57.295	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	75168	52.941	ug/l	87
28) Bromochloromethane	4.891	49	44230	46.184	ug/l #	76
29) Tetrahydrofuran	5.007	42	120298	239.598	ug/l #	85
30) Chloroform	5.093	83	131787	52.328	ug/l	97
31) Cyclohexane	5.464	56	83004	52.136	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	119104	57.099	ug/l	97
36) 1,1-Dichloropropene	5.690	75	86207	52.713	ug/l	97
37) Ethyl Acetate	4.715	43	76881	46.607	ug/l	97
38) Carbon Tetrachloride	5.678	117	104365	56.625	ug/l	99
39) Methylcyclohexane	7.379	83	102006	54.744	ug/l	90
40) Benzene	6.031	78	258581	51.481	ug/l	99

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41) Methacrylonitrile	4.916	41	40512	48.265	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	100602	51.788	ug/l		98
43) Isopropyl Acetate	6.336	43	129408	49.844	ug/l	#	94
44) Trichloroethene	7.123	130	76115	53.651	ug/l		98
45) 1,2-Dichloropropane	7.427	63	63576	52.153	ug/l		95
46) Dibromomethane	7.580	93	51967	53.083	ug/l		93
47) Bromodichloromethane	7.818	83	101711	57.575	ug/l		97
48) Methyl methacrylate	7.690	41	58876	51.565	ug/l	#	84
49) 1,4-Dioxane	7.696	88	28946	1043.891	ug/l		91
51) 4-Methyl-2-Pentanone	8.574	43	411783	250.577	ug/l		93
52) Toluene	8.720	92	181572	54.231	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	104910	51.365	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	108171	58.920	ug/l		91
55) 1,1,2-Trichloroethane	9.153	97	76986	53.406	ug/l		97
56) Ethyl methacrylate	9.116	69	104161	56.476	ug/l		89
57) 1,3-Dichloropropane	9.305	76	121703	53.311	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	209665	230.865	ug/l	#	89
59) 2-Hexanone	9.433	43	316649	258.255	ug/l		92
60) Dibromochloromethane	9.519	129	86953	51.610	ug/l		99
61) 1,2-Dibromoethane	9.610	107	84353	57.646	ug/l		98
64) Tetrachloroethene	9.275	164	81998	54.151	ug/l		98
65) Chlorobenzene	10.079	112	211197	53.511	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	81311	57.257	ug/l		99
67) Ethyl Benzene	10.195	91	362779	54.033	ug/l		98
68) m/p-Xylenes	10.299	106	302889	112.279	ug/l		96
69) o-Xylene	10.640	106	147777	56.044	ug/l		95
70) Styrene	10.652	104	250018	58.251	ug/l		97
71) Bromoform	10.799	173	62842	51.429	ug/l	#	100
73) Isopropylbenzene	10.963	105	395910	52.476	ug/l		100
74) N-amyl acetate	10.841	43	120383	49.190	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	114618	47.812	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	105020m	49.656	ug/l		
77) Bromobenzene	11.201	156	98411	51.310	ug/l		92
78) n-propylbenzene	11.305	91	456890	54.420	ug/l		98
79) 2-Chlorotoluene	11.366	91	268895	51.867	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	351358	54.939	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.018	75	31484	50.604	ug/l		95
82) 4-Chlorotoluene	11.457	91	323054	53.938	ug/l		97
83) tert-Butylbenzene	11.713	119	335510	54.401	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	349763	55.251	ug/l		98
85) sec-Butylbenzene	11.890	105	435512	55.565	ug/l		98
86) p-Isopropyltoluene	12.012	119	383643	56.760	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	200224	53.850	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	205501	52.801	ug/l		98
89) n-Butylbenzene	12.335	91	318195	57.629	ug/l		98
90) Hexachloroethane	12.536	117	62600	57.758	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	200868	53.945	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24470	50.940	ug/l		82
93) 1,2,4-Trichlorobenzene	13.585	180	118461	54.402	ug/l		99
94) Hexachlorobutadiene	13.725	225	45864	54.015	ug/l		98
95) Naphthalene	13.774	128	398924	54.846	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	116517	52.138	ug/l		98

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

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