

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030243.D
 Acq On : 27 Jul 2022 19:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 05:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144351	53.382	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.391	113	114973	51.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.653	98	435273	49.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.085	95	164451	50.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112783	51.088	ug/l	99
3) Chloromethane	1.288	50	104851	48.029	ug/l	100
4) Vinyl Chloride	1.374	62	111092	50.419	ug/l	98
5) Bromomethane	1.605	94	44568	58.669	ug/l	91
6) Chloroethane	1.679	64	64438	50.934	ug/l	99
7) Trichlorofluoromethane	1.880	101	152552	52.551	ug/l	97
8) Diethyl Ether	2.136	74	58267	51.257	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	107730	50.103	ug/l	98
10) Methyl Iodide	2.453	142	117762	56.009	ug/l	95
11) Tert butyl alcohol	2.989	59	185012	280.487	ug/l	98
12) 1,1-Dichloroethene	2.319	96	108546	51.647	ug/l	93
13) Acrolein	2.239	56	43092	265.798	ug/l	97
14) Allyl chloride	2.666	41	223458	51.525	ug/l	97
15) Acrylonitrile	3.069	53	443862	272.302	ug/l	99
16) Acetone	2.386	43	386279	279.016	ug/l	95
17) Carbon Disulfide	2.508	76	266505	46.976	ug/l	98
18) Methyl Acetate	2.709	43	220957	53.959	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	389764	54.141	ug/l	98
20) Methylene Chloride	2.788	84	131191	55.568	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	117685	50.731	ug/l	95
22) Diisopropyl ether	3.770	45	461926	56.294	ug/l	87
23) Vinyl Acetate	3.727	43	2017661	283.460	ug/l	97
24) 1,1-Dichloroethane	3.611	63	232033	53.215	ug/l	97
25) 2-Butanone	4.568	43	649440	279.155	ug/l	94
26) 2,2-Dichloropropane	4.483	77	134515	42.664	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	141294	51.796	ug/l	96
28) Bromochloromethane	4.904	49	101369	55.030	ug/l	93
29) Tetrahydrofuran	5.013	42	434967	277.877	ug/l	93
30) Chloroform	5.105	83	231852	53.704	ug/l	100
31) Cyclohexane	5.477	56	200428	51.050	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	186815	53.235	ug/l	98
36) 1,1-Dichloropropene	5.696	75	162331	50.121	ug/l	96
37) Ethyl Acetate	4.727	43	239032	52.116	ug/l	97
38) Carbon Tetrachloride	5.684	117	153738	50.846	ug/l	97
39) Methylcyclohexane	7.385	83	193094	46.188	ug/l	92
40) Benzene	6.044	78	521468	51.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	133453	54.281	ug/l	95
42) 1,2-Dichloroethane	6.092	62	181939	51.670	ug/l	97
43) Isopropyl Acetate	6.348	43	362117	53.858	ug/l	96
44) Trichloroethene	7.129	130	136293	48.948	ug/l	95
45) 1,2-Dichloropropane	7.434	63	140773	51.795	ug/l	99
46) Dibromomethane	7.586	93	91714	49.621	ug/l	97
47) Bromodichloromethane	7.824	83	173353	51.593	ug/l	98
48) Methyl methacrylate	7.696	41	179094	54.117	ug/l	95
49) 1,4-Dioxane	7.678	88	76965	1006.928	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1248779	273.581	ug/l	96
52) Toluene	8.720	92	315494	50.746	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	182296	50.331	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	205163	51.980	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	132867	50.194	ug/l	96
56) Ethyl methacrylate	9.122	69	224540	53.659	ug/l	93
57) 1,3-Dichloropropane	9.311	76	225362	51.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	585623	281.984	ug/l	96
59) 2-Hexanone	9.433	43	976792	271.242	ug/l	96
60) Dibromochloromethane	9.525	129	127418	51.999	ug/l	97
61) 1,2-Dibromoethane	9.616	107	139560	50.492	ug/l	99
64) Tetrachloroethene	9.275	164	130181	49.664	ug/l	99
65) Chlorobenzene	10.080	112	331658	50.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	120466	53.580	ug/l	100
67) Ethyl Benzene	10.195	91	613963	49.026	ug/l	96
68) m/p-Xylenes	10.305	106	457128	102.027	ug/l	94
69) o-Xylene	10.646	106	230679	52.238	ug/l	95
70) Styrene	10.659	104	388505	53.550	ug/l	97
71) Bromoform	10.805	173	87447	52.904	ug/l	98
73) Isopropylbenzene	10.964	105	596567	52.323	ug/l	98
74) N-amyl acetate	10.848	43	308123	55.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	209811	50.276	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	201766m	52.410	ug/l	
77) Bromobenzene	11.201	156	135532	50.646	ug/l	92
78) n-propylbenzene	11.305	91	719267	52.856	ug/l	98
79) 2-Chlorotoluene	11.366	91	423903	49.329	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	502234	52.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	66086	51.498	ug/l	97
82) 4-Chlorotoluene	11.457	91	487887	51.964	ug/l	98
83) tert-Butylbenzene	11.719	119	462240	52.237	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	507683	53.302	ug/l	97
85) sec-Butylbenzene	11.896	105	639927	52.837	ug/l	98
86) p-Isopropyltoluene	12.012	119	512672	52.909	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	260227	50.001	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	262269	49.504	ug/l	99
89) n-Butylbenzene	12.335	91	497535	55.151	ug/l	99
90) Hexachloroethane	12.542	117	85863	51.466	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	264468	51.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57285	57.234	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	157185	53.060	ug/l	98
94) Hexachlorobutadiene	13.725	225	60190	50.602	ug/l	98
95) Naphthalene	13.780	128	656787	56.759	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	162338	53.433	ug/l	97

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

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