

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030932.D
 Acq On : 30 Aug 2022 11:27
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 30 12:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144921	47.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.980%			
35) Dibromofluoromethane	5.391	113	127898	51.398	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.653	98	471328	50.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.085	95	174588	52.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	110090	48.092	ug/l	100
3) Chloromethane	1.288	50	102383	44.395	ug/l	99
4) Vinyl Chloride	1.374	62	124810	47.360	ug/l	98
5) Bromomethane	1.605	94	43782	37.060	ug/l	96
6) Chloroethane	1.685	64	72205	45.380	ug/l	99
7) Trichlorofluoromethane	1.886	101	187958	47.434	ug/l	93
8) Diethyl Ether	2.136	74	72221	46.838	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	120858	48.497	ug/l	97
10) Methyl Iodide	2.453	142	118329	61.168	ug/l	96
11) Tert butyl alcohol	2.989	59	145500	195.613	ug/l	97
12) 1,1-Dichloroethene	2.319	96	120820	50.182	ug/l	96
13) Acrolein	2.239	56	95542	295.791	ug/l	100
14) Allyl chloride	2.666	41	204081	46.200	ug/l	97
15) Acrylonitrile	3.069	53	371433	227.856	ug/l	97
16) Acetone	2.386	43	304830	216.747	ug/l	98
17) Carbon Disulfide	2.514	76	313601	49.341	ug/l	99
18) Methyl Acetate	2.709	43	183288	44.993	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	401932	49.166	ug/l	95
20) Methylene Chloride	2.788	84	137545	44.684	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	129657	48.581	ug/l	98
22) Diisopropyl ether	3.770	45	403383	47.492	ug/l #	85
23) Vinyl Acetate	3.727	43	1687843	244.366	ug/l	97
24) 1,1-Dichloroethane	3.611	63	239568	47.611	ug/l	98
25) 2-Butanone	4.568	43	511114	222.260	ug/l	96
26) 2,2-Dichloropropane	4.477	77	177615	51.948	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	147824	48.728	ug/l	97
28) Bromochloromethane	4.904	49	73604	44.035	ug/l	92
29) Tetrahydrofuran	5.013	42	333791	226.101	ug/l	96
30) Chloroform	5.099	83	245070	47.958	ug/l	99
31) Cyclohexane	5.477	56	210769	48.232	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	210472	48.722	ug/l	97
36) 1,1-Dichloropropene	5.696	75	180867	48.051	ug/l	97
37) Ethyl Acetate	4.721	43	196892	47.433	ug/l	98
38) Carbon Tetrachloride	5.684	117	178951	48.365	ug/l	98
39) Methylcyclohexane	7.385	83	226391	51.517	ug/l	99
40) Benzene	6.044	78	535807	49.523	ug/l	97

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41) Methacrylonitrile	4.928	41	108331	46.818	ug/l	98
42) 1,2-Dichloroethane	6.092	62	181939	48.224	ug/l	98
43) Isopropyl Acetate	6.348	43	298626	47.082	ug/l	97
44) Trichloroethene	7.129	130	150196	49.783	ug/l	92
45) 1,2-Dichloropropane	7.440	63	143903	48.410	ug/l	98
46) Dibromomethane	7.586	93	97603	48.453	ug/l	97
47) Bromodichloromethane	7.824	83	188332	49.635	ug/l	97
48) Methyl methacrylate	7.696	41	154363	48.338	ug/l	95
49) 1,4-Dioxane	7.677	88	76013	911.458	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	989199	233.439	ug/l	96
52) Toluene	8.720	92	334793	50.768	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	205930	53.807	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	222144	51.965	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	138840	49.762	ug/l	97
56) Ethyl methacrylate	9.122	69	220311	51.828	ug/l	93
57) 1,3-Dichloropropane	9.311	76	238982	49.243	ug/l	99
59) 2-Hexanone	9.433	43	758774	229.549	ug/l	96
60) Dibromochloromethane	9.525	129	147335	51.490	ug/l	99
61) 1,2-Dibromoethane	9.610	107	146919	48.576	ug/l	100
64) Tetrachloroethene	9.275	164	146243	51.500	ug/l	98
65) Chlorobenzene	10.079	112	358153	49.614	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	133753	52.176	ug/l	99
67) Ethyl Benzene	10.195	91	666630	52.080	ug/l	97
68) m/p-Xylenes	10.305	106	511743	104.769	ug/l	98
69) o-Xylene	10.646	106	248175	51.664	ug/l	96
70) Styrene	10.659	104	434502	54.801	ug/l	99
71) Bromoform	10.805	173	108086	53.959	ug/l #	99
73) Isopropylbenzene	10.963	105	671513	51.783	ug/l	98
74) N-amyl acetate	10.848	43	252478	48.099	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	204884	44.793	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	205012m	47.951	ug/l	
77) Bromobenzene	11.201	156	153463	48.859	ug/l	98
78) n-propylbenzene	11.305	91	758575	50.391	ug/l	98
79) 2-Chlorotoluene	11.366	91	452669	48.194	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	567342	51.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	67122	51.435	ug/l	97
82) 4-Chlorotoluene	11.457	91	514337	48.432	ug/l	99
83) tert-Butylbenzene	11.719	119	545993	51.176	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	561309	49.879	ug/l	98
85) sec-Butylbenzene	11.896	105	736644	52.322	ug/l	100
86) p-Isopropyltoluene	12.012	119	620043	53.646	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307114	49.715	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	308768	48.294	ug/l	99
89) n-Butylbenzene	12.335	91	568676	54.237	ug/l	100
90) Hexachloroethane	12.542	117	104784	50.630	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	305584	48.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56341	47.896	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	199952	51.009	ug/l	100
94) Hexachlorobutadiene	13.725	225	82327	51.127	ug/l	98
95) Naphthalene	13.774	128	747246	53.112	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	209721	53.779	ug/l	99

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

