

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030937.D
 Acq On : 30 Aug 2022 13:30
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 30 14:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:20:21 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	203776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135913	45.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	5.391	113	118597	46.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.920%		
50) Toluene-d8	8.653	98	449528	49.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	11.085	95	162603	48.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	108390	50.514	ug/l	98
3) Chloromethane	1.288	50	101348	46.457	ug/l	100
4) Vinyl Chloride	1.374	62	120421	46.062	ug/l	99
5) Bromomethane	1.599	94	40217	48.713	ug/l	96
6) Chloroethane	1.679	64	70232	44.697	ug/l	99
7) Trichlorofluoromethane	1.880	101	181823	46.555	ug/l	96
8) Diethyl Ether	2.136	74	68445	44.828	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	115868	46.507	ug/l	97
10) Methyl Iodide	2.453	142	110948	46.690	ug/l	96
11) Tert butyl alcohol	2.983	59	163269	248.155	ug/l	99
12) 1,1-Dichloroethene	2.319	96	115743	46.442	ug/l	97
13) Acrolein	2.239	56	82756	232.602	ug/l	98
14) Allyl chloride	2.660	41	193334	47.449	ug/l	97
15) Acrylonitrile	3.069	53	370888	244.112	ug/l	98
16) Acetone	2.386	43	301313	231.840	ug/l	100
17) Carbon Disulfide	2.508	76	302797	46.333	ug/l	100
18) Methyl Acetate	2.709	43	177585	45.520	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	389549	48.390	ug/l	96
20) Methylene Chloride	2.788	84	132315	44.533	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	126437	47.242	ug/l	99
22) Diisopropyl ether	3.770	45	388748	46.355	ug/l #	85
23) Vinyl Acetate	3.727	43	1626269	243.343	ug/l	98
24) 1,1-Dichloroethane	3.611	63	230504	47.134	ug/l	99
25) 2-Butanone	4.568	43	510849	241.431	ug/l	98
26) 2,2-Dichloropropane	4.477	77	173157	48.055	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	147981	48.275	ug/l	99
28) Bromochloromethane	4.910	49	69369	43.022	ug/l	92
29) Tetrahydrofuran	5.013	42	331598	238.681	ug/l	96
30) Chloroform	5.099	83	233577	46.201	ug/l	99
31) Cyclohexane	5.477	56	204929	47.412	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	204489	48.045	ug/l	97
36) 1,1-Dichloropropene	5.696	75	175314	47.842	ug/l	98
37) Ethyl Acetate	4.721	43	190340	48.428	ug/l	99
38) Carbon Tetrachloride	5.684	117	175484	50.157	ug/l	95
39) Methylcyclohexane	7.385	83	224879	50.261	ug/l	98
40) Benzene	6.044	78	519292	48.774	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	104878	49.130	ug/l	98
42) 1,2-Dichloroethane	6.092	62	175277	48.986	ug/l	98
43) Isopropyl Acetate	6.348	43	296662	48.872	ug/l	99
44) Trichloroethene	7.129	130	145931	47.006	ug/l	99
45) 1,2-Dichloropropane	7.434	63	138121	48.722	ug/l	96
46) Dibromomethane	7.586	93	95119	49.346	ug/l	97
47) Bromodichloromethane	7.824	83	188209	50.752	ug/l	94
48) Methyl methacrylate	7.696	41	152135	51.526	ug/l	95
49) 1,4-Dioxane	7.671	88	82925	1103.184	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1029953	261.557	ug/l	99
52) Toluene	8.720	92	325001	49.717	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	196614	52.102	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	221456	52.056	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	137237	48.860	ug/l	98
56) Ethyl methacrylate	9.122	69	213868	51.914	ug/l	92
57) 1,3-Dichloropropane	9.311	76	228797	49.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	538687	806.838	ug/l	100
59) 2-Hexanone	9.433	43	754443	255.728	ug/l	93
60) Dibromochloromethane	9.525	129	142820	50.640	ug/l	99
61) 1,2-Dibromoethane	9.616	107	149715	51.577	ug/l	98
64) Tetrachloroethene	9.275	164	141999	47.666	ug/l	98
65) Chlorobenzene	10.079	112	357393	48.596	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	129479	49.069	ug/l	98
67) Ethyl Benzene	10.195	91	642363	48.537	ug/l	100
68) m/p-Xylenes	10.305	106	501488	101.210	ug/l	98
69) o-Xylene	10.646	106	250675	51.480	ug/l	99
70) Styrene	10.659	104	422845	51.371	ug/l	100
71) Bromoform	10.799	173	108040	52.745	ug/l #	99
73) Isopropylbenzene	10.963	105	638857	48.067	ug/l	99
74) N-amyl acetate	10.848	43	250537	48.447	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	210489	47.212	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	197460m	46.493	ug/l	
77) Bromobenzene	11.201	156	150847	46.856	ug/l	96
78) n-propylbenzene	11.305	91	763163	49.683	ug/l	100
79) 2-Chlorotoluene	11.366	91	460233	47.922	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	552096	49.454	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69964	51.009	ug/l	95
82) 4-Chlorotoluene	11.457	91	510579	47.208	ug/l	99
83) tert-Butylbenzene	11.719	119	541837	49.615	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	590850	51.994	ug/l	98
85) sec-Butylbenzene	11.890	105	709474	50.211	ug/l	99
86) p-Isopropyltoluene	12.012	119	575741	48.130	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	312502	49.444	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	308037	47.809	ug/l	98
89) n-Butylbenzene	12.335	91	558703	50.038	ug/l	98
90) Hexachloroethane	12.542	117	102822	49.399	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	313479	49.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58677	51.910	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	205863	50.793	ug/l	99
94) Hexachlorobutadiene	13.725	225	84809	48.933	ug/l	97
95) Naphthalene	13.774	128	767960	52.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	208806	50.380	ug/l	99

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

