

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030939.D
 Acq On : 30 Aug 2022 14:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX083022

Quant Time: Aug 30 17:04:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 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	207639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144202	48.420	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.840%		
35) Dibromofluoromethane	5.385	113	127313	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.653	98	480122	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	11.085	95	173226	49.713	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	110122	50.131	ug/l	100
3) Chloromethane	1.288	50	97482	44.031	ug/l	100
4) Vinyl Chloride	1.374	62	121979	46.636	ug/l	99
5) Bromomethane	1.605	94	43303	53.872	ug/l	96
6) Chloroethane	1.679	64	68851	43.781	ug/l	100
7) Trichlorofluoromethane	1.880	101	189004	47.512	ug/l	97
8) Diethyl Ether	2.136	74	69787	45.457	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	123365	48.224	ug/l	97
10) Methyl Iodide	2.447	142	103618	44.181	ug/l	96
11) Tert butyl alcohol	2.983	59	159232	225.675	ug/l	98
12) 1,1-Dichloroethene	2.313	96	122129	48.398	ug/l	96
13) Acrolein	2.240	56	86619	242.065	ug/l	99
14) Allyl chloride	2.660	41	199112	48.635	ug/l	95
15) Acrylonitrile	3.069	53	371723	238.580	ug/l	98
16) Acetone	2.386	43	297303	221.187	ug/l	99
17) Carbon Disulfide	2.508	76	320151	48.071	ug/l	98
18) Methyl Acetate	2.709	43	178561	45.285	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	404044	49.159	ug/l	95
20) Methylene Chloride	2.788	84	136769	44.754	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	129660	47.387	ug/l	99
22) Diisopropyl ether	3.764	45	395909	46.931	ug/l #	85
23) Vinyl Acetate	3.721	43	1670719	246.864	ug/l	97
24) 1,1-Dichloroethane	3.611	63	233244	47.213	ug/l	99
25) 2-Butanone	4.562	43	499555	229.583	ug/l	98
26) 2,2-Dichloropropane	4.471	77	179343	48.174	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	148373	47.057	ug/l	98
28) Bromochloromethane	4.891	49	72427	45.322	ug/l	89
29) Tetrahydrofuran	5.007	42	327174	232.428	ug/l	95
30) Chloroform	5.093	83	241324	47.088	ug/l	99
31) Cyclohexane	5.477	56	213901	48.527	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	209930	48.321	ug/l	97
36) 1,1-Dichloropropene	5.690	75	181866	46.310	ug/l	98
37) Ethyl Acetate	4.721	43	190816	46.218	ug/l	98
38) Carbon Tetrachloride	5.678	117	178642	47.782	ug/l	93
39) Methylcyclohexane	7.379	83	237786	49.503	ug/l	99
40) Benzene	6.038	78	532616	47.057	ug/l	98

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41) Methacrylonitrile	4.922	41	102870	45.874	ug/l	96
42) 1,2-Dichloroethane	6.086	62	176070	46.829	ug/l	99
43) Isopropyl Acetate	6.342	43	298623	46.612	ug/l	98
44) Trichloroethene	7.129	130	151931	45.564	ug/l	92
45) 1,2-Dichloropropane	7.434	63	145931	48.302	ug/l	95
46) Dibromomethane	7.580	93	96779	46.907	ug/l	98
47) Bromodichloromethane	7.824	83	195962	49.405	ug/l	90
48) Methyl methacrylate	7.696	41	146006	45.531	ug/l	92
49) 1,4-Dioxane	7.671	88	76527	908.052	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	963511	227.863	ug/l	94
52) Toluene	8.720	92	334694	48.395	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204981	51.217	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	221399	48.355	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	138186	46.064	ug/l	97
56) Ethyl methacrylate	9.116	69	219038	49.855	ug/l	91
57) 1,3-Dichloropropane	9.311	76	231159	46.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	580054	262.866	ug/l	99
59) 2-Hexanone	9.433	43	740654	235.550	ug/l	94
60) Dibromochloromethane	9.525	129	147799	49.573	ug/l	100
61) 1,2-Dibromoethane	9.610	107	149852	48.383	ug/l	100
64) Tetrachloroethene	9.275	164	146670	48.633	ug/l	95
65) Chlorobenzene	10.080	112	359413	47.671	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	132242	49.504	ug/l	99
67) Ethyl Benzene	10.195	91	659487	49.313	ug/l	99
68) m/p-Xylenes	10.305	106	510305	100.740	ug/l	98
69) o-Xylene	10.647	106	249068	50.239	ug/l	96
70) Styrene	10.659	104	416988	49.824	ug/l	99
71) Bromoform	10.799	173	107129	51.108	ug/l #	99
73) Isopropylbenzene	10.964	105	658523	48.644	ug/l	99
74) N-amyl acetate	10.842	43	249580	47.686	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	209384	45.146	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	201541m	47.842	ug/l	
77) Bromobenzene	11.201	156	157459	47.998	ug/l	94
78) n-propylbenzene	11.305	91	786648	49.583	ug/l	98
79) 2-Chlorotoluene	11.366	91	453488	46.021	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	561358	49.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	66945	47.247	ug/l	96
82) 4-Chlorotoluene	11.457	91	526095	47.757	ug/l	100
83) tert-Butylbenzene	11.720	119	552611	49.350	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	602975	51.634	ug/l	96
85) sec-Butylbenzene	11.890	105	776397	53.419	ug/l	98
86) p-Isopropyltoluene	12.012	119	629231	52.187	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307889	47.601	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	315010	47.499	ug/l	99
89) n-Butylbenzene	12.335	91	583209	51.679	ug/l	98
90) Hexachloroethane	12.543	117	102950	48.631	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	312776	47.672	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58610	50.660	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	218626	52.126	ug/l	99
94) Hexachlorobutadiene	13.725	225	92257	51.798	ug/l	100
95) Naphthalene	13.774	128	783796	52.253	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	225088	53.154	ug/l	100

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

