

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030338.D
 Acq On : 01 Aug 2022 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 01:58:31 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 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	134891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138913	51.236	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.480%			
35) Dibromofluoromethane	5.391	113	114364	51.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.653	98	424197	48.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.085	95	162893	50.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109337	49.397	ug/l	97
3) Chloromethane	1.288	50	91267	41.697	ug/l	100
4) Vinyl Chloride	1.374	62	100809	45.632	ug/l	98
5) Bromomethane	1.599	94	27561	33.692	ug/l	99
6) Chloroethane	1.672	64	68542	54.035	ug/l	95
7) Trichlorofluoromethane	1.880	101	149480	51.357	ug/l	98
8) Diethyl Ether	2.136	74	58673	51.478	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	109067	50.592	ug/l	98
10) Methyl Iodide	2.453	142	40729	20.319	ug/l	96
11) Tert butyl alcohol	2.995	59	189833	287.041	ug/l	100
12) 1,1-Dichloroethene	2.313	96	107483	51.007	ug/l	94
13) Acrolein	2.239	56	37183	228.748	ug/l	98
14) Allyl chloride	2.660	41	221316	50.897	ug/l	97
15) Acrylonitrile	3.069	53	435866	266.695	ug/l	98
16) Acetone	2.386	43	371931	267.947	ug/l	94
17) Carbon Disulfide	2.508	76	245128	43.094	ug/l	97
18) Methyl Acetate	2.709	43	229185	55.821	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	393861	54.566	ug/l	99
20) Methylene Chloride	2.788	84	129241	54.552	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	114880	49.392	ug/l	95
22) Diisopropyl ether	3.764	45	462932	56.268	ug/l	93
23) Vinyl Acetate	3.727	43	1990601	278.925	ug/l	98
24) 1,1-Dichloroethane	3.611	63	232716	53.232	ug/l	98
25) 2-Butanone	4.562	43	635780	272.567	ug/l	93
26) 2,2-Dichloropropane	4.483	77	144094	45.582	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	142660	52.159	ug/l	96
28) Bromochloromethane	4.904	49	102266	55.371	ug/l	95
29) Tetrahydrofuran	5.013	42	418532	266.676	ug/l	95
30) Chloroform	5.099	83	232053	53.610	ug/l	100
31) Cyclohexane	5.477	56	197458	50.161	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	186811	53.094	ug/l	99
36) 1,1-Dichloropropene	5.696	75	160279	49.668	ug/l	97
37) Ethyl Acetate	4.721	43	236224	51.693	ug/l	98
38) Carbon Tetrachloride	5.684	117	151864	50.410	ug/l	96
39) Methylcyclohexane	7.385	83	194946	46.802	ug/l	94
40) Benzene	6.044	78	516127	50.835	ug/l	97

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41) Methacrylonitrile	4.928	41	131516	53.689	ug/l	95
42) 1,2-Dichloroethane	6.092	62	182319	51.968	ug/l	97
43) Isopropyl Acetate	6.348	43	363499	54.261	ug/l	96
44) Trichloroethene	7.129	130	130780	47.140	ug/l	94
45) 1,2-Dichloropropane	7.434	63	141634	52.303	ug/l	97
46) Dibromomethane	7.586	93	91916	49.912	ug/l	97
47) Bromodichloromethane	7.824	83	177539	53.032	ug/l	97
48) Methyl methacrylate	7.696	41	177611	53.865	ug/l	95
49) 1,4-Dioxane	7.671	88	76228	1000.938	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1228195	270.057	ug/l	97
52) Toluene	8.720	92	310895	50.189	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	183983	50.983	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	204356	51.965	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	133657	50.677	ug/l	95
56) Ethyl methacrylate	9.116	69	224813	53.921	ug/l	94
57) 1,3-Dichloropropane	9.311	76	225255	51.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	583394	281.939	ug/l	96
59) 2-Hexanone	9.433	43	967438	269.629	ug/l	96
60) Dibromochloromethane	9.525	129	127411	52.186	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138560	50.313	ug/l	98
64) Tetrachloroethene	9.275	164	120485	46.962	ug/l	99
65) Chlorobenzene	10.079	112	327144	50.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	119318	54.221	ug/l	99
67) Ethyl Benzene	10.195	91	609562	49.518	ug/l	97
68) m/p-Xylenes	10.305	106	458800	104.623	ug/l	96
69) o-Xylene	10.646	106	227873	52.723	ug/l	94
70) Styrene	10.659	104	388438	54.702	ug/l	97
71) Bromoform	10.805	173	88727	54.844	ug/l	99
73) Isopropylbenzene	10.963	105	590510	50.412	ug/l	99
74) N-amyl acetate	10.848	43	321815	56.528	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	227166	52.984	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	205082m	51.852	ug/l	
77) Bromobenzene	11.201	156	134300	48.848	ug/l	90
78) n-propylbenzene	11.305	91	716814	51.272	ug/l	98
79) 2-Chlorotoluene	11.366	91	430102	48.716	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	499285	50.904	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	58315	44.231	ug/l	93
82) 4-Chlorotoluene	11.457	91	488020	50.593	ug/l	97
83) tert-Butylbenzene	11.719	119	482082	53.028	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	509607	52.078	ug/l	97
85) sec-Butylbenzene	11.890	105	647670	52.051	ug/l	99
86) p-Isopropyltoluene	12.012	119	515817	51.815	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	263761	49.329	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	263603	48.430	ug/l	99
89) n-Butylbenzene	12.335	91	512969	55.346	ug/l	99
90) Hexachloroethane	12.542	117	85174	49.692	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	276350	52.656	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59793	58.147	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	167272	54.960	ug/l	97
94) Hexachlorobutadiene	13.725	225	63118	51.649	ug/l	99
95) Naphthalene	13.774	128	692755	58.272	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	171422	54.920	ug/l	98

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

