

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021643.D
 Acq On : 30 Mar 2021 20:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Mar 31 05:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	72724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.029	65	60423	49.94	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.88%
35) Dibromofluoromethane	5.464	113	43136	48.53	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.06%
50) Toluene-d8	8.694	98	149500	47.20	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.40%
62) 4-Bromofluorobenzene	11.118	95	57055	46.34	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.68%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	36790	46.02	ug/l	97
3) Chloromethane	1.311	50	45262	49.26	ug/l	98
4) Vinyl Chloride	1.393	62	41005	50.15	ug/l	99
5) Bromomethane	1.623	94	19179	58.29	ug/l	98
6) Chloroethane	1.705	64	25966	50.08	ug/l	97
7) Trichlorofluoromethane	1.911	101	68542	51.54	ug/l	97
8) Diethyl Ether	2.170	74	23978	51.96	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	38234	51.08	ug/l	96
10) Methyl Iodide	2.487	142	34781	58.24	ug/l #	89
11) Tert butyl alcohol	3.023	59	46867	234.29	ug/l	97
12) 1,1-Dichloroethene	2.352	96	35719	48.74	ug/l #	82
13) Acrolein	2.270	56	25218	249.92	ug/l	97
14) Allyl chloride	2.705	41	73133	49.16	ug/l #	88
15) Acrylonitrile	3.117	53	122324	257.30	ug/l	97
16) Acetone	2.423	43	114823	250.97	ug/l	89
17) Carbon Disulfide	2.546	76	89113	43.30	ug/l	99
18) Methyl Acetate	2.752	43	74329	56.23	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	142073	51.91	ug/l	100
20) Methylene Chloride	2.834	84	43981	49.26	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	40210	49.95	ug/l	92
22) Diisopropyl ether	3.823	45	153121	52.98	ug/l #	92
23) Vinyl Acetate	3.782	43	628598	257.13	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	81260	52.15	ug/l	96
25) 2-Butanone	4.635	43	177725	256.26	ug/l	90
26) 2,2-Dichloropropane	4.546	77	61073	45.25	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	47517	50.83	ug/l	91
28) Bromochloromethane	4.982	49	39421	50.54	ug/l	85
29) Tetrahydrofuran	5.088	42	114238	254.05	ug/l #	86
30) Chloroform	5.176	83	87416	53.16	ug/l	98
31) Cyclohexane	5.547	56	65528	49.25	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	76847	52.73	ug/l	96
36) 1,1-Dichloropropene	5.764	75	58714	47.89	ug/l	97
37) Ethyl Acetate	4.794	43	65879	46.47	ug/l #	93
38) Carbon Tetrachloride	5.752	117	67055	50.90	ug/l	99
39) Methylcyclohexane	7.441	83	64132	47.19	ug/l	92
40) Benzene	6.111	78	173639	49.88	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	39990	48.64	ug/l	90
42) 1,2-Dichloroethane	6.158	62	76062	50.39	ug/l	94
43) Isopropyl Acetate	6.411	43	112292	48.79	ug/l #	91
44) Trichloroethene	7.188	130	45887	49.95	ug/l	94
45) 1,2-Dichloropropane	7.488	63	47609	50.48	ug/l	98
46) Dibromomethane	7.635	93	33901	49.32	ug/l	95
47) Bromodichloromethane	7.876	83	72443	51.79	ug/l	99
48) Methyl methacrylate	7.747	41	60881	49.58	ug/l #	82
49) 1,4-Dioxane	7.712	88	21152	962.24	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	366424	258.82	ug/l	88
52) Toluene	8.765	92	110351	51.32	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	70264	49.74	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	75351	50.13	ug/l #	87
55) 1,1,2-Trichloroethane	9.194	97	47275	52.09	ug/l	98
56) Ethyl methacrylate	9.159	69	69084	45.27	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	78557	50.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	195551	254.95	ug/l	94
59) 2-Hexanone	9.471	43	272370	256.21	ug/l	84
60) Dibromochloromethane	9.565	129	53674	52.80	ug/l	99
61) 1,2-Dibromoethane	9.653	107	49400	50.67	ug/l	100
64) Tetrachloroethene	9.318	164	43257	55.72	ug/l	94
65) Chlorobenzene	10.118	112	117678	50.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	47430	53.16	ug/l	99
67) Ethyl Benzene	10.235	91	214917	50.64	ug/l	98
68) m/p-Xylenes	10.341	106	155956	103.15	ug/l	93
69) o-Xylene	10.683	106	75531	51.57	ug/l	93
70) Styrene	10.694	104	128653	51.08	ug/l	95
71) Bromoform	10.835	173	35829	49.42	ug/l #	95
73) Isopropylbenzene	11.000	105	209226	52.24	ug/l	100
74) N-amyl acetate	10.883	43	95646	49.36	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	71019	50.19	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	68776m	51.83	ug/l	
77) Bromobenzene	11.236	156	49947	50.31	ug/l	96
78) n-propylbenzene	11.341	91	242979	51.37	ug/l	99
79) 2-Chlorotoluene	11.400	91	143363	49.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	177474	51.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	20378	46.78	ug/l #	82
82) 4-Chlorotoluene	11.494	91	172067	50.51	ug/l	98
83) tert-Butylbenzene	11.753	119	167673	50.33	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	180837	52.43	ug/l	96
85) sec-Butylbenzene	11.930	105	196276	51.08	ug/l	100
86) p-Isopropyltoluene	12.047	119	181226	51.81	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	90373	50.55	ug/l	99
88) 1,4-Dichlorobenzene	12.077	146	88796	48.01	ug/l	98
89) n-Butylbenzene	12.371	91	159014	49.62	ug/l	95
90) Hexachloroethane	12.577	117	32144	50.92	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	87366	50.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16102	45.34	ug/l	85
93) 1,2,4-Trichlorobenzene	13.630	180	55808	48.99	ug/l	99
94) Hexachlorobutadiene	13.765	225	23833	46.35	ug/l	99
95) Naphthalene	13.812	128	187001	50.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	58465	51.34	ug/l	98

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

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