

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
 Data File : VX023267.D
 Acq On : 13 Jul 2021 17:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:18:03 PM

Quant Time: Jul 14 05:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203677	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177794	48.53	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.06%
35) Dibromofluoromethane	5.391	113	136796	49.26	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.52%
50) Toluene-d8	8.653	98	497074	47.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.96%
62) 4-Bromofluorobenzene	11.085	95	200731	50.19	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.38%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	116779	47.28	ug/l	99
3) Chloromethane	1.294	50	104971	42.95	ug/l	98
4) Vinyl Chloride	1.374	62	116060	44.83	ug/l	98
5) Bromomethane	1.599	94	50165	36.40	ug/l	100
6) Chloroethane	1.679	64	73588	43.47	ug/l	98
7) Trichlorofluoromethane	1.880	101	203098	45.14	ug/l	97
8) Diethyl Ether	2.136	74	78428	47.23	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	130963	49.74	ug/l	96
10) Methyl Iodide	2.453	142	153511	47.48	ug/l	93
11) Tert butyl alcohol	2.977	59	177601	230.41	ug/l	99
12) 1,1-Dichloroethene	2.319	96	115960	47.72	ug/l	96
13) Acrolein	2.239	56	86203	167.95	ug/l	99
14) Allyl chloride	2.666	41	210623	49.88	ug/l	93
15) Acrylonitrile	3.069	53	367004	244.87	ug/l	99
16) Acetone	2.386	43	325796	224.75	ug/l	94
17) Carbon Disulfide	2.508	76	210747	41.12	ug/l	100
18) Methyl Acetate	2.709	43	172787	49.10	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	475405	52.31	ug/l	98
20) Methylene Chloride	2.794	84	141799	45.43	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	126083	48.04	ug/l	96
22) Diisopropyl ether	3.770	45	439289	49.34	ug/l	96
23) Vinyl Acetate	3.727	43	1882466	249.83	ug/l	96
24) 1,1-Dichloroethane	3.611	63	251039	49.91	ug/l	98
25) 2-Butanone	4.568	43	517369	236.69	ug/l	95
26) 2,2-Dichloropropane	4.483	77	220507	52.23	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	157923	49.68	ug/l	98
28) Bromochloromethane	4.904	49	109847	46.03	ug/l	98
29) Tetrahydrofuran	5.013	42	327624	233.16	ug/l	94
30) Chloroform	5.099	83	273770	50.38	ug/l	100
31) Cyclohexane	5.477	56	195950	44.67	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	243247	51.40	ug/l	100
36) 1,1-Dichloropropene	5.696	75	180260	47.02	ug/l	99
37) Ethyl Acetate	4.727	43	201758	48.24	ug/l	97
38) Carbon Tetrachloride	5.684	117	210208	52.53	ug/l	99
39) Methylcyclohexane	7.385	83	216160	48.21	ug/l	99
40) Benzene	6.044	78	545046	48.97	ug/l	99
41) Methacrylonitrile	4.928	41	114072	48.79	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	226452	50.63	ug/l	95
43) Isopropyl Acetate	6.348	43	334414	48.07	ug/l	95
44) Trichloroethene	7.129	130	160682	50.89	ug/l	99
45) 1,2-Dichloropropane	7.434	63	144836	49.85	ug/l	99
46) Dibromomethane	7.586	93	105137	50.67	ug/l	100
47) Bromodichloromethane	7.824	83	202592	53.47	ug/l	98
48) Methyl methacrylate	7.696	41	164314	48.14	ug/l	91
49) 1,4-Dioxane	7.665	88	74398	968.44	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1027440	238.35	ug/l	94
52) Toluene	8.720	92	357631	49.65	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	225570	47.25	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	239909	48.19	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	155726	51.48	ug/l	97
56) Ethyl methacrylate	9.122	69	238990	51.13	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	250676	50.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	601731	236.78	ug/l	99
59) 2-Hexanone	9.433	43	780742	236.06	ug/l	91
60) Dibromochloromethane	9.525	129	160434	47.65	ug/l	99
61) 1,2-Dibromoethane	9.616	107	161207	51.92	ug/l	100
64) Tetrachloroethene	9.275	164	173663	54.43	ug/l	95
65) Chlorobenzene	10.086	112	403952	51.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	155937	54.54	ug/l	99
67) Ethyl Benzene	10.195	91	705058	50.44	ug/l	98
68) m/p-Xylenes	10.305	106	552238	103.48	ug/l	100
69) o-Xylene	10.646	106	276885	51.48	ug/l	98
70) Styrene	10.659	104	460437	52.41	ug/l	97
71) Bromoform	10.805	173	113823	47.09	ug/l #	99
73) Isopropylbenzene	10.963	105	725002	50.53	ug/l	99
74) N-ethyl acetate	10.848	43	291757	47.92	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	218290	47.88	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	210767m	51.42	ug/l	
77) Bromobenzene	11.201	156	183010	51.09	ug/l	95
78) n-propylbenzene	11.305	91	833136	50.21	ug/l	98
79) 2-Chlorotoluene	11.366	91	513281	50.05	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	630999	51.07	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	71958	49.12	ug/l	95
82) 4-Chlorotoluene	11.457	91	590781	51.02	ug/l	99
83) tert-Butylbenzene	11.719	119	599117	51.09	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	632701	51.82	ug/l	99
85) sec-Butylbenzene	11.896	105	774004	51.30	ug/l	100
86) p-Isopropyltoluene	12.012	119	661299	52.25	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	344317	51.18	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	345860	51.06	ug/l	99
89) n-Butylbenzene	12.335	91	569168	51.33	ug/l	98
90) Hexachloroethane	12.542	117	103761	48.05	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	340729	50.92	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51237	46.03	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	224230	54.39	ug/l	99
94) Hexachlorobutadiene	13.725	225	93714	53.69	ug/l	100
95) Naphthalene	13.780	128	736887	48.50	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224158	54.07	ug/l	99

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