

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022456.D
 Acq On : 05 Jun 2021 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:51:09 PM

Quant Time: Jun 07 03:18:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70271	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	148150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	58741	54.190	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	108.380%	
35) Dibromofluoromethane	5.391	113	44035	46.871	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	93.740%	
50) Toluene-d8	8.653	98	167024	46.151	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	92.300%	
62) 4-Bromofluorobenzene	11.085	95	63711	47.628	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	95.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44482	52.069	ug/l	100
3) Chloromethane	1.294	50	54659	59.316	ug/l	98
4) Vinyl Chloride	1.374	62	53343	54.706	ug/l	96
5) Bromomethane	1.599	94	30091	52.932	ug/l	100
6) Chloroethane	1.679	64	33327	57.401	ug/l	96
7) Trichlorofluoromethane	1.880	101	76444	54.525	ug/l	90
8) Diethyl Ether	2.136	74	31941	52.975	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	43681	52.469	ug/l	90
10) Methyl Iodide	2.453	142	53969	60.322	ug/l	95
11) Tert butyl alcohol	2.977	59	76709	309.401	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45121	56.025	ug/l	94
13) Acrolein	2.245	56	35304	214.700	ug/l	99
14) Allyl chloride	2.666	41	83786	56.642	ug/l	96
15) Acrylonitrile	3.075	53	157405	322.486	ug/l	100
16) Acetone	2.386	43	147286	312.050	ug/l	96
17) Carbon Disulfide	2.514	76	108406	51.392	ug/l	98
18) Methyl Acetate	2.709	43	83556	66.564	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	165033	59.818	ug/l	96
20) Methylene Chloride	2.794	84	57754	55.110	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	51098	58.330	ug/l	92
22) Diisopropyl ether	3.770	45	176965	62.113	ug/l	95
23) Vinyl Acetate	3.733	43	847643	309.002	ug/l	96
24) 1,1-Dichloroethane	3.617	63	100745	60.256	ug/l	99
25) 2-Butanone	4.568	43	248009	324.791	ug/l	93
26) 2,2-Dichloropropane	4.483	77	40511	27.295	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	61684	57.900	ug/l	97
28) Bromochloromethane	4.910	49	44156	54.439	ug/l	# 79
29) Tetrahydrofuran	5.013	42	146381	322.082	ug/l	90
30) Chloroform	5.105	83	99737	57.735	ug/l	100
31) Cyclohexane	5.477	56	77233	56.699	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	81769	55.393	ug/l	97
36) 1,1-Dichloropropene	5.702	75	70769	51.659	ug/l	97
37) Ethyl Acetate	4.727	43	95752	57.018	ug/l	94
38) Carbon Tetrachloride	5.684	117	66941	49.952	ug/l	99
39) Methylcyclohexane	7.385	83	75924	48.866	ug/l	99
40) Benzene	6.044	78	230370	54.654	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52055	57.942	ug/l	92
42) 1,2-Dichloroethane	6.098	62	83978	56.868	ug/l	98
43) Isopropyl Acetate	6.348	43	159169	57.946	ug/l	93
44) Trichloroethene	7.129	130	52914	50.518	ug/l	90
45) 1,2-Dichloropropane	7.440	63	60585	56.345	ug/l	99
46) Dibromomethane	7.586	93	39237	53.788	ug/l #	85
47) Bromodichloromethane	7.824	83	74167	50.808	ug/l	99
48) Methyl methacrylate	7.696	41	73647	58.178	ug/l	91
49) 1,4-Dioxane	7.665	88	30057	1219.513	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	501658	304.888	ug/l	91
52) Toluene	8.720	92	141751	53.103	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	77804	46.175	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	84826	46.826	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	58604	54.080	ug/l	99
56) Ethyl methacrylate	9.122	69	99090	56.579	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	101689	54.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	230677	243.531	ug/l	96
59) 2-Hexanone	9.433	43	384531	310.731	ug/l	89
60) Dibromochloromethane	9.525	129	51381	48.737	ug/l	98
61) 1,2-Dibromoethane	9.616	107	59462	55.112	ug/l	99
64) Tetrachloroethene	9.275	164	45050	50.821	ug/l #	86
65) Chlorobenzene	10.086	112	146046	51.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48944	50.114	ug/l	97
67) Ethyl Benzene	10.195	91	268530	51.935	ug/l	100
68) m/p-Xylenes	10.305	106	200161	102.432	ug/l	99
69) o-Xylene	10.646	106	98348	51.748	ug/l	97
70) Styrene	10.659	104	165350	53.109	ug/l	98
71) Bromoform	10.805	173	31340	42.102	ug/l #	99
73) Isopropylbenzene	10.963	105	253225	51.105	ug/l	99
74) N-amyl acetate	10.848	43	141036	59.966	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	92639	56.407	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	82407m	57.057	ug/l	
77) Bromobenzene	11.201	156	54165	51.556	ug/l	85
78) n-propylbenzene	11.305	91	298379	51.411	ug/l	97
79) 2-Chlorotoluene	11.366	91	179589	51.018	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	212904	51.843	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	23291	38.209	ug/l	89
82) 4-Chlorotoluene	11.457	91	206440	50.903	ug/l	95
83) tert-Butylbenzene	11.719	119	197329	50.101	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	216692	52.421	ug/l	97
85) sec-Butylbenzene	11.896	105	252984	50.545	ug/l	97
86) p-Isopropyltoluene	12.012	119	207594	49.108	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	102915	50.806	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	102482	48.945	ug/l	96
89) n-Butylbenzene	12.335	91	194246	49.675	ug/l	97
90) Hexachloroethane	12.542	117	31887	45.642	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	100302	51.551	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19552	55.634	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	57316	48.819	ug/l	97
94) Hexachlorobutadiene	13.725	225	19096	41.672	ug/l	99
95) Naphthalene	13.780	128	254558	55.596	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60500	51.121	ug/l	97

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

