

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023624.D
 Acq On : 10 Aug 2021 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:04:10 PM

Quant Time: Aug 11 02:56:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	237829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151146	50.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.900%			
35) Dibromofluoromethane	5.391	113	119584	51.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.653	98	444858	51.795	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.085	95	171592	58.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	101029	46.173	ug/l	99
3) Chloromethane	1.294	50	116856	45.847	ug/l	98
4) Vinyl Chloride	1.374	62	117284	45.457	ug/l	100
5) Bromomethane	1.599	94	67024	43.756	ug/l	97
6) Chloroethane	1.678	64	74582	47.101	ug/l	99
7) Trichlorofluoromethane	1.880	101	192806	46.383	ug/l	96
8) Diethyl Ether	2.136	74	69403	45.236	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	114919	48.798	ug/l	96
10) Methyl Iodide	2.453	142	150947	51.159	ug/l	96
11) Tert butyl alcohol	2.983	59	142653	210.490	ug/l	98
12) 1,1-Dichloroethene	2.319	96	106030	45.373	ug/l	97
13) Acrolein	2.239	56	72904	211.815	ug/l	99
14) Allyl chloride	2.666	41	198840	46.802	ug/l	93
15) Acrylonitrile	3.068	53	347304	226.939	ug/l	98
16) Acetone	2.392	43	438203	301.109	ug/l	91
17) Carbon Disulfide	2.507	76	231499	40.175	ug/l	99
18) Methyl Acetate	2.709	43	163863	47.366	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	394922	48.604	ug/l	97
20) Methylene Chloride	2.794	84	126631	44.734	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	114108	45.966	ug/l	97
22) Diisopropyl ether	3.769	45	408028	48.652	ug/l	98
23) Vinyl Acetate	3.727	43	1799091	243.007	ug/l	94
24) 1,1-Dichloroethane	3.611	63	221426	48.036	ug/l	98
25) 2-Butanone	4.562	43	574182	254.141	ug/l	93
26) 2,2-Dichloropropane	4.483	77	192749	51.126	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	138337	47.984	ug/l	97
28) Bromochloromethane	4.903	49	110783	51.496	ug/l	93
29) Tetrahydrofuran	5.013	42	329182	222.282	ug/l	88
30) Chloroform	5.098	83	232090	49.192	ug/l	99
31) Cyclohexane	5.470	56	197593	44.961	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	201771	50.040	ug/l	98
36) 1,1-Dichloropropene	5.696	75	167223	49.441	ug/l	99
37) Ethyl Acetate	4.721	43	195657	45.881	ug/l	94
38) Carbon Tetrachloride	5.684	117	174022	50.593	ug/l	99
39) Methylcyclohexane	7.385	83	208065	48.711	ug/l	97
40) Benzene	6.043	78	487948	48.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	109042	48.427	ug/l	92
42) 1,2-Dichloroethane	6.092	62	192437	51.899	ug/l	96
43) Isopropyl Acetate	6.348	43	324857	49.161	ug/l	93
44) Trichloroethene	7.129	130	136469	49.535	ug/l	98
45) 1,2-Dichloropropane	7.433	63	131640	49.607	ug/l	98
46) Dibromomethane	7.586	93	91819	51.012	ug/l	98
47) Bromodichloromethane	7.824	83	172749	53.270	ug/l	98
48) Methyl methacrylate	7.696	41	158992	51.951	ug/l	87
49) 1,4-Dioxane	7.665	88	58510	897.838	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1042379	257.899	ug/l	91
52) Toluene	8.720	92	319208	51.379	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	205244	49.905	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	212344	52.527	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	136367	54.204	ug/l	97
56) Ethyl methacrylate	9.122	69	220096	54.578	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	223345	52.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	549734	257.329	ug/l	97
59) 2-Hexanone	9.433	43	839175	273.414	ug/l	88
60) Dibromochloromethane	9.525	129	140362	50.325	ug/l	100
61) 1,2-Dibromoethane	9.610	107	142421	53.060	ug/l	99
64) Tetrachloroethene	9.275	164	133986	48.085	ug/l	96
65) Chlorobenzene	10.079	112	358383	50.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	132512	48.160	ug/l	98
67) Ethyl Benzene	10.195	91	634842	51.081	ug/l	99
68) m/p-Xylenes	10.305	106	485553	101.585	ug/l	99
69) o-Xylene	10.646	106	239219	50.480	ug/l	99
70) Styrene	10.658	104	401519	53.477	ug/l	98
71) Bromoform	10.805	173	98908	46.122	ug/l #	100
73) Isopropylbenzene	10.963	105	643929	51.739	ug/l	99
74) N-amyl acetate	10.847	43	283820	49.987	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	193277	47.674	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	182893m	50.391	ug/l	
77) Bromobenzene	11.201	156	156518	52.134	ug/l	96
78) n-propylbenzene	11.305	91	738200	52.409	ug/l	98
79) 2-Chlorotoluene	11.366	91	439224	52.184	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	526645	51.961	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	66926	49.581	ug/l	92
82) 4-Chlorotoluene	11.457	91	499240	52.430	ug/l	99
83) tert-Butylbenzene	11.719	119	518022	52.105	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	530217	52.592	ug/l	99
85) sec-Butylbenzene	11.896	105	674973	52.360	ug/l	100
86) p-Isopropyltoluene	12.012	119	559883	53.784	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	282351	50.835	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	276289	49.023	ug/l	98
89) n-Butylbenzene	12.335	91	499909	53.048	ug/l	97
90) Hexachloroethane	12.542	117	89579	48.121	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	269139	50.044	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42073	43.082	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	175288	51.877	ug/l	98
94) Hexachlorobutadiene	13.725	225	74888	49.387	ug/l	98
95) Naphthalene	13.780	128	587590	50.578	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	176440	51.710	ug/l	99

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

