

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023638.D
 Acq On : 10 Aug 2021 17:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:04:35 PM

Quant Time: Aug 11 03:02:03 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	213945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141508	53.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.040%			
35) Dibromofluoromethane	5.391	113	111800	52.178	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	8.653	98	417807	53.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.085	95	163865	61.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	92696	47.095	ug/l	100
3) Chloromethane	1.295	50	108702	47.409	ug/l	100
4) Vinyl Chloride	1.374	62	107250	46.209	ug/l	99
5) Bromomethane	1.599	94	63233	45.890	ug/l	97
6) Chloroethane	1.679	64	69328	48.670	ug/l	98
7) Trichlorofluoromethane	1.880	101	181435	48.521	ug/l	100
8) Diethyl Ether	2.136	74	67493	48.902	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	108450	51.192	ug/l	97
10) Methyl Iodide	2.453	142	144278	54.358	ug/l	96
11) Tert butyl alcohol	2.983	59	134953	221.358	ug/l	98
12) 1,1-Dichloroethene	2.319	96	100035	47.586	ug/l	97
13) Acrolein	2.240	56	62116	200.691	ug/l	98
14) Allyl chloride	2.666	41	186955	48.917	ug/l	92
15) Acrylonitrile	3.069	53	331553	240.833	ug/l	98
16) Acetone	2.386	43	292891	223.727	ug/l	91
17) Carbon Disulfide	2.508	76	211998	40.898	ug/l	99
18) Methyl Acetate	2.709	43	156023	50.134	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	372740	50.995	ug/l	98
20) Methylene Chloride	2.794	84	118861	46.676	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	106709	47.784	ug/l	97
22) Diisopropyl ether	3.770	45	392746	52.058	ug/l	97
23) Vinyl Acetate	3.727	43	1703230	255.742	ug/l	94
24) 1,1-Dichloroethane	3.611	63	210396	50.738	ug/l	96
25) 2-Butanone	4.568	43	476842	234.618	ug/l	92
26) 2,2-Dichloropropane	4.483	77	175680	51.800	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	131438	50.681	ug/l	97
28) Bromochloromethane	4.904	49	97282	50.269	ug/l	92
29) Tetrahydrofuran	5.013	42	307546	230.856	ug/l	89
30) Chloroform	5.105	83	219471	51.710	ug/l	99
31) Cyclohexane	5.477	56	186405	47.150	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	190043	52.393	ug/l	97
36) 1,1-Dichloropropene	5.696	75	156084	50.349	ug/l	99
37) Ethyl Acetate	4.721	43	185425	47.440	ug/l #	94
38) Carbon Tetrachloride	5.678	117	166237	52.729	ug/l	99
39) Methylcyclohexane	7.385	83	193770	49.494	ug/l	99
40) Benzene	6.044	78	462003	50.264	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	102004	49.425	ug/l	92
42) 1,2-Dichloroethane	6.092	62	185356	54.540	ug/l	94
43) Isopropyl Acetate	6.349	43	305453	50.432	ug/l	93
44) Trichloroethene	7.129	130	127764	50.598	ug/l	98
45) 1,2-Dichloropropane	7.434	63	124772	51.299	ug/l	99
46) Dibromomethane	7.586	93	88429	53.601	ug/l	97
47) Bromodichloromethane	7.824	83	162325	54.613	ug/l	97
48) Methyl methacrylate	7.696	41	149397	53.260	ug/l	87
49) 1,4-Dioxane	7.665	88	57147	956.753	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	1002582	270.634	ug/l	90
52) Toluene	8.720	92	307032	53.918	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	190296	50.462	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	199414	53.819	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	130398	56.550	ug/l	97
56) Ethyl methacrylate	9.122	69	207100	56.030	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	214026	54.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	491578	251.054	ug/l	97
59) 2-Hexanone	9.433	43	765324	272.052	ug/l	87
60) Dibromochloromethane	9.525	129	131069	51.234	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133950	54.448	ug/l	99
64) Tetrachloroethene	9.275	164	126006	48.781	ug/l	95
65) Chlorobenzene	10.080	112	339128	51.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	125927	49.345	ug/l	99
67) Ethyl Benzene	10.195	91	610091	52.953	ug/l	99
68) m/p-Xylenes	10.305	106	466788	105.346	ug/l	100
69) o-Xylene	10.647	106	230083	52.375	ug/l	100
70) Styrene	10.659	104	389737	55.994	ug/l	98
71) Bromoform	10.805	173	96485	48.350	ug/l	99
73) Isopropylbenzene	10.964	105	616417	50.935	ug/l	99
74) N-amyl acetate	10.848	43	277848	50.324	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	190538	48.333	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	181363m	51.388	ug/l	
77) Bromobenzene	11.201	156	152494	52.235	ug/l	96
78) n-propylbenzene	11.305	91	719268	52.514	ug/l	99
79) 2-Chlorotoluene	11.366	91	431210	52.687	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	518742	52.634	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	63755	48.573	ug/l	90
82) 4-Chlorotoluene	11.457	91	493110	53.256	ug/l	100
83) tert-Butylbenzene	11.720	119	513446	53.111	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	518310	52.871	ug/l	99
85) sec-Butylbenzene	11.896	105	658923	52.567	ug/l	100
86) p-Isopropyltoluene	12.012	119	546887	54.027	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	278677	51.598	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	273222	49.856	ug/l	98
89) n-Butylbenzene	12.335	91	488912	53.355	ug/l	97
90) Hexachloroethane	12.543	117	88016	48.604	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	263231	50.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41049	43.220	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	166208	50.586	ug/l	99
94) Hexachlorobutadiene	13.725	225	72070	48.878	ug/l	99
95) Naphthalene	13.780	128	566687	50.164	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	168908	50.908	ug/l	99

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

