

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022634.D
 Acq On : 10 Jun 2021 11:02
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:34 PM

Quant Time: Jun 10 11:40:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:37:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57559	46.593	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.397	113	41478	48.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.653	98	167888	48.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.085	95	61719	48.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	42509	52.455	ug/l	97
3) Chloromethane	1.294	50	48599	49.654	ug/l	99
4) Vinyl Chloride	1.374	62	47274	49.486	ug/l	97
5) Bromomethane	1.599	94	25149	50.106	ug/l	97
6) Chloroethane	1.678	64	29392	48.862	ug/l	98
7) Trichlorofluoromethane	1.886	101	68868	49.501	ug/l	97
8) Diethyl Ether	2.136	74	27531	48.539	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	42425	49.737	ug/l	89
10) Methyl Iodide	2.453	142	49230	49.030	ug/l	96
11) Tert butyl alcohol	2.983	59	68165	246.002	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40733	46.227	ug/l	90
13) Acrolein	2.245	56	27569	196.940	ug/l	98
14) Allyl chloride	2.666	41	83789	51.858	ug/l	96
15) Acrylonitrile	3.075	53	145385	251.670	ug/l	99
16) Acetone	2.392	43	134613	242.503	ug/l	96
17) Carbon Disulfide	2.514	76	94721	44.506	ug/l	99
18) Methyl Acetate	2.715	43	78753	51.444	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	147957	50.360	ug/l	100
20) Methylene Chloride	2.794	84	52944	45.682	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	46866	47.226	ug/l	93
22) Diisopropyl ether	3.769	45	163158	50.337	ug/l	92
23) Vinyl Acetate	3.733	43	777123	254.779	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	92389	50.077	ug/l	99
25) 2-Butanone	4.568	43	229345	249.994	ug/l	93
26) 2,2-Dichloropropane	4.483	77	72833	51.514	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56633	48.609	ug/l	96
28) Bromochloromethane	4.903	49	44979	48.230	ug/l	# 79
29) Tetrahydrofuran	5.019	42	133055	247.140	ug/l	89
30) Chloroform	5.105	83	93681	50.558	ug/l	100
31) Cyclohexane	5.477	56	73233	50.114	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	76454	52.020	ug/l	97
36) 1,1-Dichloropropene	5.702	75	67244	50.368	ug/l	98
37) Ethyl Acetate	4.727	43	86918	50.757	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	60539	54.053	ug/l	98
39) Methylcyclohexane	7.385	83	72049	49.888	ug/l	95
40) Benzene	6.050	78	210892	51.185	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49072	52.081	ug/l	92
42) 1,2-Dichloroethane	6.098	62	76072	50.087	ug/l	97
43) Isopropyl Acetate	6.348	43	142641	51.351	ug/l	93
44) Trichloroethene	7.129	130	48719	50.116	ug/l	94
45) 1,2-Dichloropropane	7.440	63	55922	52.766	ug/l	100
46) Dibromomethane	7.586	93	36324	50.283	ug/l #	84
47) Bromodichloromethane	7.830	83	68662	54.830	ug/l	97
48) Methyl methacrylate	7.702	41	68384	52.905	ug/l	90
49) 1,4-Dioxane	7.665	88	26520	1014.481	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	460984	266.387	ug/l	91
52) Toluene	8.720	92	130407	50.397	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	79832	53.933	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	87137	54.844	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	53547	53.094	ug/l	98
56) Ethyl methacrylate	9.122	69	89062	53.590	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	95612	52.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	241519	247.731	ug/l	94
59) 2-Hexanone	9.433	43	356076	269.346	ug/l	88
60) Dibromochloromethane	9.525	129	48276	57.557	ug/l	100
61) 1,2-Dibromoethane	9.616	107	55308	52.022	ug/l	97
64) Tetrachloroethene	9.275	164	41346	48.370	ug/l #	92
65) Chlorobenzene	10.085	112	134250	50.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46060	55.036	ug/l	97
67) Ethyl Benzene	10.195	91	255367	52.307	ug/l	100
68) m/p-Xylenes	10.305	106	187262	105.532	ug/l	97
69) o-Xylene	10.646	106	90768	52.316	ug/l	96
70) Styrene	10.659	104	154913	52.812	ug/l	97
71) Bromoform	10.805	173	28104	56.721	ug/l #	98
73) Isopropylbenzene	10.963	105	239478	51.279	ug/l	99
74) N-amyl acetate	10.848	43	131081	52.313	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	87393	51.988	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	79371m	53.469	ug/l	
77) Bromobenzene	11.201	156	50563	50.252	ug/l	84
78) n-propylbenzene	11.305	91	292408	51.589	ug/l	96
79) 2-Chlorotoluene	11.366	91	172159	51.040	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	205565	51.518	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	27167	52.768	ug/l	90
82) 4-Chlorotoluene	11.457	91	200726	51.413	ug/l	96
83) tert-Butylbenzene	11.719	119	189122	53.206	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	206033	51.340	ug/l	98
85) sec-Butylbenzene	11.896	105	248947	52.629	ug/l	97
86) p-Isopropyltoluene	12.012	119	206382	52.789	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	96428	49.352	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	98395	48.338	ug/l	96
89) n-Butylbenzene	12.335	91	201165	53.589	ug/l	97
90) Hexachloroethane	12.542	117	29515	53.997	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	95413	51.451	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17512	56.831	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	56992	51.118	ug/l	97
94) Hexachlorobutadiene	13.731	225	20206	50.569	ug/l	99
95) Naphthalene	13.780	128	237530	53.141	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57628	51.718	ug/l	97

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

