

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022101.D
 Acq On : 19 May 2021 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2021 1:50:26 PM

Quant Time: May 20 04:24:52 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	5.562	168	86850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	171483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	157159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65752	49.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.16%		
35) Dibromofluoromethane	5.397	113	51598	47.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.90%		
50) Toluene-d8	8.653	98	194389	46.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.80%		
62) 4-Bromofluorobenzene	11.085	95	73860	47.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52492	49.72	ug/l	98
3) Chloromethane	1.294	50	57518	50.50	ug/l	98
4) Vinyl Chloride	1.374	62	60362	50.09	ug/l	100
5) Bromomethane	1.611	94	33271	47.35	ug/l	97
6) Chloroethane	1.685	64	38480	53.62	ug/l	98
7) Trichlorofluoromethane	1.886	101	88084	50.83	ug/l	95
8) Diethyl Ether	2.136	74	38178	51.23	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	50437	49.02	ug/l	91
10) Methyl Iodide	2.453	142	56159	50.79	ug/l	96
11) Tert butyl alcohol	2.983	59	81979	267.54	ug/l	98
12) 1,1-Dichloroethene	2.319	96	50680	50.91	ug/l	95
13) Acrolein	2.239	56	43915	216.09	ug/l	98
14) Allyl chloride	2.666	41	93124	50.94	ug/l	98
15) Acrylonitrile	3.074	53	163032	270.25	ug/l	100
16) Acetone	2.392	43	145523	249.46	ug/l	97
17) Carbon Disulfide	2.514	76	122430	46.96	ug/l	99
18) Methyl Acetate	2.709	43	81036	52.23	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	178339	52.30	ug/l	99
20) Methylene Chloride	2.794	84	61360	47.37	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	56942	52.59	ug/l	99
22) Diisopropyl ether	3.769	45	180787	51.34	ug/l	97
23) Vinyl Acetate	3.733	43	891402	262.92	ug/l	97
24) 1,1-Dichloroethane	3.617	63	108026	52.28	ug/l	100
25) 2-Butanone	4.568	43	253479	268.59	ug/l	94
26) 2,2-Dichloropropane	4.483	77	81547	44.46	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	67958	51.61	ug/l	99
28) Bromochloromethane	4.903	49	50087	49.96	ug/l	88
29) Tetrahydrofuran	5.019	42	146880	261.49	ug/l	93
30) Chloroform	5.105	83	108421	50.78	ug/l	96
31) Cyclohexane	5.476	56	80653	47.91	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	93619	51.31	ug/l	99
36) 1,1-Dichloropropene	5.702	75	79225	49.96	ug/l	99
37) Ethyl Acetate	4.727	43	97811	50.32	ug/l	97
38) Carbon Tetrachloride	5.690	117	80749	52.06	ug/l	98
39) Methylcyclohexane	7.385	83	84930	47.22	ug/l	97
40) Benzene	6.050	78	244612	50.14	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	51895	49.90	ug/l	95
42) 1,2-Dichloroethane	6.098	62	86964	50.88	ug/l	99
43) Isopropyl Acetate	6.348	43	161418	50.77	ug/l	96
44) Trichloroethene	7.135	130	61019	50.33	ug/l	95
45) 1,2-Dichloropropane	7.440	63	64101	51.50	ug/l	92
46) Dibromomethane	7.592	93	43377	51.37	ug/l	89
47) Bromodichloromethane	7.830	83	87647	51.87	ug/l	99
48) Methyl methacrylate	7.702	41	76583	52.27	ug/l	92
49) 1,4-Dioxane	7.683	88	31356	1099.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	508815	267.16	ug/l	92
52) Toluene	8.726	92	153124	49.56	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	98260	50.38	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	106544	50.81	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	65260	52.03	ug/l	98
56) Ethyl methacrylate	9.122	69	106372	52.47	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	110855	51.76	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	275151	250.96	ug/l	98
59) 2-Hexanone	9.433	43	384061	268.12	ug/l	92
60) Dibromochloromethane	9.525	129	64831	53.13	ug/l	99
61) 1,2-Dibromoethane	9.616	107	66920	53.58	ug/l	99
64) Tetrachloroethene	9.281	164	51553	49.96	ug/l	92
65) Chlorobenzene	10.085	112	162996	49.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	59500	52.34	ug/l	98
67) Ethyl Benzene	10.201	91	301467	50.09	ug/l	99
68) m/p-Xylenes	10.305	106	225735	99.24	ug/l	99
69) o-Xylene	10.646	106	110926	50.14	ug/l	100
70) Styrene	10.659	104	187255	51.67	ug/l	98
71) Bromoform	10.805	173	42132	48.41	ug/l #	99
73) Isopropylbenzene	10.969	105	290969	49.10	ug/l	100
74) N-amyl acetate	10.847	43	144626	51.41	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	100254	51.04	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	89421m	51.77	ug/l	
77) Bromobenzene	11.201	156	62082	49.41	ug/l	89
78) n-propylbenzene	11.311	91	341694	49.22	ug/l	99
79) 2-Chlorotoluene	11.366	91	202276	48.04	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	247310	50.35	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35831	49.15	ug/l	95
82) 4-Chlorotoluene	11.457	91	233384	48.11	ug/l	98
83) tert-Butylbenzene	11.719	119	232058	49.26	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	248596	50.28	ug/l	99
85) sec-Butylbenzene	11.896	105	297268	49.66	ug/l	98
86) p-Isopropyltoluene	12.012	119	248711	49.19	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	119521	49.33	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	119500	47.72	ug/l	97
89) n-Butylbenzene	12.335	91	230653	49.32	ug/l	99
90) Hexachloroethane	12.542	117	41720	49.93	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	116649	50.13	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22568	53.69	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	68892	49.06	ug/l	97
94) Hexachlorobutadiene	13.731	225	25663	46.82	ug/l	97
95) Naphthalene	13.780	128	288488	52.68	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70684	49.94	ug/l	98

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

