Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
Data File : VW019041.D
Acq On : 19 May 2021 19:17
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
5/20/2021 6:00:25 PM

Quant Time: May 20 03:35:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 09:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	376764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	618018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	575367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	290760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	218668	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.32%			
35) Dibromofluoromethane	7.884	113	197338	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.50%			
50) Toluene-d8	10.323	98	782732	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.54%			
62) 4-Bromofluorobenzene	12.615	95	283863	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	122934	48.46	ug/l	96
3) Chloromethane	2.215	50	139858	49.69	ug/l	100
4) Vinyl Chloride	2.367	62	211302	51.09	ug/l	96
5) Bromomethane	2.776	94	171599	49.52	ug/l	100
6) Chloroethane	2.922	64	141733	49.90	ug/l	99
7) Trichlorofluoromethane	3.257	101	98593	43.35	ug/l	98
8) Diethyl Ether	3.684	74	103372	52.26	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	181317	49.28	ug/l	99
10) Methyl Iodide	4.281	142	274815	50.90	ug/l	99
11) Tert butyl alcohol	5.184	59	56424	274.72	ug/l	99
12) 1,1-Dichloroethene	4.050	96	191681	51.08	ug/l	95
13) Acrolein	3.897	56	57463	226.42	ug/l	100
14) Allyl chloride	4.665	41	234789	48.09	ug/l	99
15) Acrylonitrile	5.367	53	196252	264.51	ug/l	99
16) Acetone	4.123	43	152285	252.05	ug/l	97
17) Carbon Disulfide	4.391	76	524381	51.14	ug/l	100
18) Methyl Acetate	4.672	43	96437	54.23	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	247338	52.50	ug/l	99
20) Methylene Chloride	4.921	84	241535	55.54	ug/l	99
21) trans-1,2-Dichloroethene	5.427	96	219981	51.31	ug/l	99
22) Diisopropyl ether	6.311	45	506525	51.00	ug/l	99
23) Vinyl Acetate	6.257	43	1754915	262.61	ug/l	100
24) 1,1-Dichloroethane	6.214	63	391533	50.91	ug/l	99
25) 2-Butanone	7.171	43	265679	267.70	ug/l	100
26) 2,2-Dichloropropane	7.165	77	192941	46.56	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	244553	51.40	ug/l	99
28) Bromochloromethane	7.512	49	165682	52.95	ug/l	100
29) Tetrahydrofuran	7.531	42	155588	268.07	ug/l	100
30) Chloroform	7.677	83	402739	51.51	ug/l	97
31) Cyclohexane	7.958	56	298123	46.35	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	293235	50.51	ug/l	98
36) 1,1-Dichloropropene	8.079	75	314739	51.14	ug/l	99
37) Ethyl Acetate	7.250	43	127443	53.53	ug/l	99
38) Carbon Tetrachloride	8.067	117	275768	50.85	ug/l	99
39) Methylcyclohexane	9.335	83	343077	50.39	ug/l	98
40) Benzene	8.323	78	887661	51.60	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	75099	57.76	ug/l		92
42) 1,2-Dichloroethane	8.403	62	267850	52.52	ug/l		100
43) Isopropyl Acetate	8.421	43	244477	55.06	ug/l		99
44) Trichloroethene	9.091	130	231471	52.18	ug/l		98
45) 1,2-Dichloropropane	9.366	63	217528	52.27	ug/l		100
46) Dibromomethane	9.457	93	118891	52.62	ug/l		99
47) Bromodichloromethane	9.646	83	295198	52.56	ug/l		97
48) Methyl methacrylate	9.433	41	113449	55.64	ug/l		99
49) 1,4-Dioxane	9.451	88	28936	1123.51	ug/l		98
51) 4-Methyl-2-Pentanone	10.207	43	628214	273.06	ug/l		100
52) Toluene	10.390	92	570959	52.35	ug/l		99
53) t-1,3-Dichloropropene	10.603	75	298137	53.97	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	347590	52.83	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	167475	53.63	ug/l		96
56) Ethyl methacrylate	10.646	69	217959	55.58	ug/l		99
57) 1,3-Dichloropropane	10.933	76	295086	52.83	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	554766	273.49	ug/l		100
59) 2-Hexanone	10.969	43	427683	279.69	ug/l		99
60) Dibromochloromethane	11.128	129	191790	54.88	ug/l		98
61) 1,2-Dibromoethane	11.237	107	162312	54.04	ug/l		99
64) Tetrachloroethene	10.866	164	190847	51.06	ug/l		89
65) Chlorobenzene	11.658	112	591718	50.55	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	210713	52.75	ug/l		98
67) Ethyl Benzene	11.731	91	1115236	51.51	ug/l		100
68) m/p-Xylenes	11.841	106	842392	103.56	ug/l		99
69) o-Xylene	12.164	106	396001	52.21	ug/l		100
70) Styrene	12.182	104	671598	52.17	ug/l		100
71) Bromoform	12.353	173	107578	53.65	ug/l	#	100
73) Isopropylbenzene	12.463	105	1065586	50.00	ug/l		99
74) N-amyl acetate	12.274	43	235613	53.60	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	199445	52.31	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	155521m	56.65	ug/l		
77) Bromobenzene	12.743	156	244512	52.04	ug/l		99
78) n-propylbenzene	12.804	91	1305953	50.12	ug/l		100
79) 2-Chlorotoluene	12.890	91	735802	49.56	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	909421	50.27	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	58585	52.01	ug/l		100
82) 4-Chlorotoluene	12.987	91	798861	50.69	ug/l		100
83) tert-Butylbenzene	13.207	119	778182	51.03	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	921384	51.31	ug/l		99
85) sec-Butylbenzene	13.383	105	1119030	49.49	ug/l		99
86) p-Isopropyltoluene	13.499	119	1003533	51.23	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	481234	50.15	ug/l		97
88) 1,4-Dichlorobenzene	13.578	146	481812	50.94	ug/l		100
89) n-Butylbenzene	13.822	91	955562	49.61	ug/l		98
90) Hexachloroethane	14.091	117	156706	51.03	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	438571	51.68	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	32248	52.97	ug/l		97
93) 1,2,4-Trichlorobenzene	15.133	180	286987	50.50	ug/l		98
94) Hexachlorobutadiene	15.231	225	159914	48.72	ug/l		96
95) Naphthalene	15.365	128	557018	53.80	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	248630	50.53	ug/l		99

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

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