Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
Data File : VW017801.D
Acq On : 07 Jan 2021 15:19
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW010721

Manual Integrations APPROVED
MMDadoda
1/8/2021 2:31:27 PM

Quant Time: Jan 08 05:25:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 08 05:24:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	188461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	316748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	307620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	159171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	104752	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.94%			
35) Dibromofluoromethane	7.884	113	100592	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
50) Toluene-d8	10.323	98	406772	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
62) 4-Bromofluorobenzene	12.615	95	148668	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	73747	49.45	ug/l	95
3) Chloromethane	2.208	50	75029	46.57	ug/l	96
4) Vinyl Chloride	2.361	62	126847	49.70	ug/l	99
5) Bromomethane	2.775	94	111101	46.93	ug/l	96
6) Chloroethane	2.922	64	87755	49.79	ug/l	97
7) Trichlorofluoromethane	3.257	101	89784	47.98	ug/l	98
8) Diethyl Ether	3.678	74	48404	52.35	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.062	101	102489	50.95	ug/l	99
10) Methyl Iodide	4.269	142	141008	50.97	ug/l	97
11) Tert butyl alcohol	5.165	59	26597	236.74	ug/l	100
12) 1,1-Dichloroethene	4.037	96	102918	51.80	ug/l	99
13) Acrolein	3.885	56	33532	226.75	ug/l	98
14) Allyl chloride	4.665	41	147705	53.08	ug/l	99
15) Acrylonitrile	5.360	53	100735	236.02	ug/l	98
16) Acetone	4.117	43	97538	241.27	ug/l	98
17) Carbon Disulfide	4.385	76	294208	50.54	ug/l	97
18) Methyl Acetate	4.665	43	43624	47.05	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	134550	49.87	ug/l	96
20) Methylene Chloride	4.915	84	115202	54.81	ug/l	93
21) trans-1,2-Dichloroethene	5.415	96	122607	51.87	ug/l	98
22) Diisopropyl ether	6.305	45	293038	51.77	ug/l	98
23) Vinyl Acetate	6.250	43	912944	254.86	ug/l	100
24) 1,1-Dichloroethane	6.214	63	208284	52.64	ug/l	98
25) 2-Butanone	7.165	43	128765	231.67	ug/l	100
26) 2,2-Dichloropropane	7.165	77	118238	51.66	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	131604	52.78	ug/l	99
28) Bromochloromethane	7.506	49	83105	50.29	ug/l	97
29) Tetrahydrofuran	7.531	42	80344	228.20	ug/l	98
30) Chloroform	7.671	83	219342	51.58	ug/l	98
31) Cyclohexane	7.951	56	183709	48.42	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	180468	51.44	ug/l	99
36) 1,1-Dichloropropene	8.079	75	177518	53.39	ug/l	99
37) Ethyl Acetate	7.250	43	59558	46.44	ug/l	97
38) Carbon Tetrachloride	8.067	117	174300	53.88	ug/l	98
39) Methylcyclohexane	9.335	83	224584	54.69	ug/l	98
40) Benzene	8.323	78	480751	53.34	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.476	41	34733	49.27	ug/l		97
42) 1,2-Dichloroethane	8.396	62	143501	51.77	ug/l		100
43) Isopropyl Acetate	8.421	43	114380	49.66	ug/l		99
44) Trichloroethene	9.091	130	131510	53.58	ug/l		99
45) 1,2-Dichloropropane	9.366	63	114505	53.38	ug/l		98
46) Dibromomethane	9.457	93	65365	52.08	ug/l		99
47) Bromodichloromethane	9.640	83	165971	54.45	ug/l		98
48) Methyl methacrylate	9.433	41	55319	48.01	ug/l		94
49) 1,4-Dioxane	9.445	88	14279	978.61	ug/l		97
51) 4-Methyl-2-Pentanone	10.207	43	281603	238.56	ug/l		99
52) Toluene	10.390	92	334050	56.30	ug/l		98
53) t-1,3-Dichloropropene	10.603	75	159573	56.97	ug/l		94
54) cis-1,3-Dichloropropene	10.073	75	185003	55.34	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	89508	53.29	ug/l		97
56) Ethyl methacrylate	10.646	69	103243	53.52	ug/l		97
57) 1,3-Dichloropropane	10.932	76	152242	52.64	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.920	63	222773	235.87	ug/l		98
59) 2-Hexanone	10.969	43	192970	244.26	ug/l		100
60) Dibromochloromethane	11.128	129	108278	55.76	ug/l		95
61) 1,2-Dibromoethane	11.231	107	87346	53.11	ug/l		97
64) Tetrachloroethene	10.859	164	108782	51.66	ug/l		98
65) Chlorobenzene	11.658	112	355386	52.63	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.731	131	119731	52.92	ug/l		98
67) Ethyl Benzene	11.731	91	658217	53.09	ug/l		100
68) m/p-Xylenes	11.835	106	510016	108.82	ug/l		99
69) o-Xylene	12.164	106	235550	54.43	ug/l		98
70) Styrene	12.176	104	402467	55.62	ug/l		98
71) Bromoform	12.353	173	58645	53.28	ug/l	#	99
73) Isopropylbenzene	12.463	105	655290	52.84	ug/l		99
74) N-amyl acetate	12.274	43	103995	48.07	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	97465	46.23	ug/l		100
76) 1,2,3-Trichloropropane	12.767	75	76589m	51.68	ug/l		
77) Bromobenzene	12.743	156	140425	51.96	ug/l		97
78) n-propylbenzene	12.804	91	775384	51.56	ug/l		98
79) 2-Chlorotoluene	12.889	91	432299	52.53	ug/l		100
80) 1,3,5-Trimethylbenzene	12.944	105	550325	53.01	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.511	75	27148	49.37	ug/l		96
82) 4-Chlorotoluene	12.987	91	453014	51.60	ug/l		98
83) tert-Butylbenzene	13.206	119	473052	52.90	ug/l		100
84) 1,2,4-Trimethylbenzene	13.249	105	549709	52.16	ug/l		98
85) sec-Butylbenzene	13.383	105	670755	52.55	ug/l		99
86) p-Isopropyltoluene	13.499	119	612207	52.73	ug/l		100
87) 1,3-Dichlorobenzene	13.499	146	282741	51.99	ug/l		97
88) 1,4-Dichlorobenzene	13.578	146	284236	52.47	ug/l		98
89) n-Butylbenzene	13.822	91	589518	51.59	ug/l		100
90) Hexachloroethane	14.090	117	107082	53.96	ug/l		99
91) 1,2-Dichlorobenzene	13.871	146	246210	51.79	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.487	75	15219	43.10	ug/l		98
93) 1,2,4-Trichlorobenzene	15.133	180	153891	49.46	ug/l		97
94) Hexachlorobutadiene	15.230	225	87023	50.30	ug/l		99
95) Naphthalene	15.365	128	290185	48.01	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	138473	51.30	ug/l		93

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

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