Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018248.D
Acq On : 04 Mar 2021 14:01
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW030421

Manual Integrations APPROVED
MMDadoda
3/5/2021 10:12:22 AM

Quant Time: Mar 05 03:08:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:49:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	280562	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	409254	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	363164	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	189783	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	108187	44.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.24%				
35) Dibromofluoromethane	7.885	113	119631	46.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.20%				
50) Toluene-d8	10.323	98	449431	45.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.76%				
62) 4-Bromofluorobenzene	12.615	95	166569	46.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	96179	47.58	ug/l		97
3) Chloromethane	2.221	50	87834	49.04	ug/l		98
4) Vinyl Chloride	2.367	62	128498	48.94	ug/l		99
5) Bromomethane	2.788	94	91478	49.16	ug/l		92
6) Chloroethane	2.928	64	75518	49.35	ug/l		96
7) Trichlorofluoromethane	3.263	101	99468	50.70	ug/l		99
8) Diethyl Ether	3.684	74	61261	47.98	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.068	101	128940	49.17	ug/l		87
10) Methyl Iodide	4.282	142	196101	48.18	ug/l		94
11) Tert butyl alcohol	5.153	59	28464	255.42	ug/l		98
12) 1,1-Dichloroethene	4.050	96	131264	49.49	ug/l		86
13) Acrolein	3.897	56	38511	237.54	ug/l		99
14) Allyl chloride	4.672	41	155961	48.42	ug/l		89
15) Acrylonitrile	5.367	53	119902	243.73	ug/l		99
16) Acetone	4.117	43	94505	251.54	ug/l		93
17) Carbon Disulfide	4.391	76	355609	48.91	ug/l		99
18) Methyl Acetate	4.672	43	49914	49.12	ug/l		93
19) Methyl tert-butyl Ether	5.422	73	136353	47.77	ug/l		96
20) Methylene Chloride	4.928	84	135040	50.31	ug/l		89
21) trans-1,2-Dichloroethene	5.428	96	146079	49.28	ug/l		93
22) Diisopropyl ether	6.312	45	312212	48.28	ug/l		93
23) Vinyl Acetate	6.257	43	955609	247.78	ug/l	#	93
24) 1,1-Dichloroethane	6.220	63	224021	48.18	ug/l		97
25) 2-Butanone	7.165	43	143563	250.52	ug/l		96
26) 2,2-Dichloropropane	7.171	77	127636	49.03	ug/l		97
27) cis-1,2-Dichloroethene	7.171	96	156584	48.74	ug/l		91
28) Bromochloromethane	7.513	49	88299	49.86	ug/l	#	73
29) Tetrahydrofuran	7.531	42	93275	247.78	ug/l		91
30) Chloroform	7.677	83	241279	48.27	ug/l		98
31) Cyclohexane	7.958	56	205348	47.30	ug/l		94
32) 1,1,1-Trichloroethane	7.872	97	199304	48.94	ug/l		95
36) 1,1-Dichloropropene	8.086	75	196734	49.66	ug/l		96
37) Ethyl Acetate	7.251	43	65784	48.76	ug/l	#	92
38) Carbon Tetrachloride	8.067	117	202614	50.70	ug/l		96
39) Methylcyclohexane	9.336	83	253835	50.42	ug/l		96
40) Benzene	8.323	78	540646	49.20	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	37302	47.65	ug/l		92
42) 1,2-Dichloroethane	8.397	62	144867	48.05	ug/l		96
43) Isopropyl Acetate	8.421	43	125450	50.01	ug/l	#	94
44) Trichloroethene	9.092	130	165859	49.89	ug/l		95
45) 1,2-Dichloropropane	9.366	63	120749	47.50	ug/l		99
46) Dibromomethane	9.457	93	69502	48.47	ug/l	#	82
47) Bromodichloromethane	9.646	83	179057	48.95	ug/l		99
48) Methyl methacrylate	9.433	41	60429	47.72	ug/l		85
49) 1,4-Dioxane	9.445	88	19783	1059.92	ug/l		93
51) 4-Methyl-2-Pentanone	10.207	43	319045	249.91	ug/l		90
52) Toluene	10.390	92	358875	49.39	ug/l		100
53) t-1,3-Dichloropropene	10.604	75	174340	50.47	ug/l		95
54) cis-1,3-Dichloropropene	10.073	75	207678	49.65	ug/l	#	88
55) 1,1,2-Trichloroethane	10.786	97	99658	48.56	ug/l		99
56) Ethyl methacrylate	10.646	69	119490	51.16	ug/l	#	86
57) 1,3-Dichloropropane	10.933	76	167244	48.43	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.921	63	300084	248.15	ug/l		92
59) 2-Hexanone	10.969	43	218906	254.09	ug/l		90
60) Dibromochloromethane	11.128	129	126277	48.74	ug/l		99
61) 1,2-Dibromoethane	11.238	107	100866	49.57	ug/l		97
64) Tetrachloroethene	10.860	164	138001	50.89	ug/l		96
65) Chlorobenzene	11.658	112	385987	49.37	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	140839	51.18	ug/l		98
67) Ethyl Benzene	11.731	91	698687	51.08	ug/l		100
68) m/p-Xylenes	11.835	106	543638	102.53	ug/l		98
69) o-Xylene	12.164	106	251791	51.12	ug/l		97
70) Styrene	12.183	104	424344	51.41	ug/l		97
71) Bromoform	12.347	173	75100	51.71	ug/l	#	100
73) Isopropylbenzene	12.463	105	698919	49.99	ug/l		100
74) N-amyl acetate	12.274	43	117765	51.32	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.713	83	109778	48.94	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	85352m	50.09	ug/l		
77) Bromobenzene	12.743	156	163795	49.18	ug/l		90
78) n-propylbenzene	12.804	91	818036	50.55	ug/l		98
79) 2-Chlorotoluene	12.890	91	454349	48.87	ug/l		98
80) 1,3,5-Trimethylbenzene	12.945	105	593591	50.09	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	33788	50.88	ug/l		93
82) 4-Chlorotoluene	12.987	91	482943	49.28	ug/l		99
83) tert-Butylbenzene	13.207	119	531068	51.28	ug/l		95
84) 1,2,4-Trimethylbenzene	13.249	105	590707	49.88	ug/l		98
85) sec-Butylbenzene	13.384	105	717459	51.13	ug/l		98
86) p-Isopropyltoluene	13.499	119	674412	51.01	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	319985	48.98	ug/l		96
88) 1,4-Dichlorobenzene	13.579	146	322138	49.89	ug/l		96
89) n-Butylbenzene	13.823	91	609844	50.60	ug/l		97
90) Hexachloroethane	14.091	117	115738	50.81	ug/l		74
91) 1,2-Dichlorobenzene	13.871	146	277392	48.60	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	17968	50.42	ug/l		83
93) 1,2,4-Trichlorobenzene	15.127	180	213663	49.48	ug/l		96
94) Hexachlorobutadiene	15.231	225	136595	50.79	ug/l		97
95) Naphthalene	15.365	128	373303	51.55	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	188254	51.09	ug/l		98

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

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