Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068835.D
Acq On : 12 Apr 2021 16:37
Operator : VA/SY
Sample : M1967-02MS
Misc : 2.46G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SED-1AMS

Manual Integrations APPROVED
MMDadoda
4/13/2021 4:10:29 PM

Quant Time: Apr 13 01:10:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	195104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	320875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	258729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	91241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	93510	45.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.70%			
35) Dibromofluoromethane	7.914	113	106356	50.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.92%			
50) Toluene-d8	10.338	98	378427	48.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.12%			
62) 4-Bromofluorobenzene	12.632	95	101299	38.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	82980	42.92	ug/l	90
3) Chloromethane	2.209	50	93928	41.33	ug/l	99
4) Vinyl Chloride	2.350	62	126321	44.24	ug/l	98
5) Bromomethane	2.773	94	92686	43.43	ug/l	99
6) Chloroethane	2.926	64	81706	43.55	ug/l	97
7) Trichlorofluoromethane	3.273	101	151498	45.09	ug/l	97
8) Diethyl Ether	3.715	74	38729	42.69	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.103	101	80312	39.61	ug/l	99
10) Methyl Iodide	4.309	142	94347	40.22	ug/l	99
11) Tert butyl alcohol	5.220	59	19113	164.39	ug/l	96
12) 1,1-Dichloroethene	4.073	96	86316	44.20	ug/l	99
14) Allyl chloride	4.715	41	93628	42.54	ug/l	94
15) Acrylonitrile	5.432	53	76221	187.19	ug/l	96
16) Acetone	4.162	43	55371	193.92	ug/l	96
17) Carbon Disulfide	4.409	76	224583	35.53	ug/l	99
18) Methyl Acetate	4.720	43	79371	101.18	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	202647	46.77	ug/l	98
20) Methylene Chloride	4.962	84	115874	50.11	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	117878	47.00	ug/l	99
22) Diisopropyl ether	6.367	45	234553	43.98	ug/l	98
23) Vinyl Acetate	6.367	43	202781m	71.75	ug/l	
24) 1,1-Dichloroethane	6.273	63	187602	46.66	ug/l	96
25) 2-Butanone	7.214	43	79651	197.13	ug/l	99
26) 2,2-Dichloropropane	7.208	77	163525	49.79	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	125446	50.33	ug/l	96
28) Bromochloromethane	7.544	49	66794	46.02	ug/l	89
29) Tetrahydrofuran	7.561	42	54283	199.77	ug/l	97
30) Chloroform	7.714	83	213316	48.47	ug/l	97
31) Cyclohexane	7.985	56	106869	31.15	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	181942	47.31	ug/l	99
36) 1,1-Dichloropropene	8.114	75	147312	45.36	ug/l	97
37) Ethyl Acetate	7.291	43	31860	33.40	ug/l	97
38) Carbon Tetrachloride	8.097	117	147398	45.84	ug/l	98
39) Methylcyclohexane	9.355	83	89635	23.67	ug/l	97
40) Benzene	8.355	78	457006	48.09	ug/l	100
41) Methacrylonitrile	7.532	41	22816	40.40	ug/l #	86

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42) 1,2-Dichloroethane	8.426	62	117144	46.63	ug/l		99
43) Isopropyl Acetate	8.450	43	72353	37.20	ug/l		95
44) Trichloroethene	9.114	130	124753	47.52	ug/l		92
45) 1,2-Dichloropropane	9.391	63	105400	46.43	ug/l		92
46) Dibromomethane	9.479	93	63760	50.42	ug/l		96
47) Bromodichloromethane	9.661	83	148166	44.85	ug/l		100
48) Methyl methacrylate	9.455	41	46545	48.57	ug/l		91
49) 1,4-Dioxane	9.455	88	12478	931.98	ug/l		88
51) 4-Methyl-2-Pentanone	10.232	43	198691	202.70	ug/l		100
52) Toluene	10.402	92	279277	46.41	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	128112	43.75	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	154801	44.19	ug/l		97
55) 1,1,2-Trichloroethane	10.797	97	82118	45.92	ug/l		96
56) Ethyl methacrylate	10.661	69	68368	37.14	ug/l		99
57) 1,3-Dichloropropane	10.944	76	131060	44.51	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	211069	217.75	ug/l		97
59) 2-Hexanone	10.985	43	129750	197.82	ug/l		97
60) Dibromochloromethane	11.138	129	96141	42.88	ug/l		98
61) 1,2-Dibromoethane	11.244	107	76760	44.17	ug/l		100
64) Tetrachloroethene	10.873	164	84252	46.46	ug/l		95
65) Chlorobenzene	11.667	112	277525	49.55	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	105741	52.51	ug/l		98
67) Ethyl Benzene	11.744	91	457392	47.16	ug/l		100
68) m/p-Xylenes	11.849	106	348437	93.11	ug/l		99
69) o-Xylene	12.179	106	159867	46.98	ug/l		100
70) Styrene	12.191	104	283809	47.86	ug/l		99
71) Bromoform	12.361	173	48382	44.85	ug/l	#	99
73) Isopropylbenzene	12.479	105	354663	53.24	ug/l		100
74) N-amyl acetate	12.285	43	9928	8.79	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	76242	61.23	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	49337m	59.19	ug/l		
77) Bromobenzene	12.755	156	98726	61.64	ug/l		96
78) n-propylbenzene	12.820	91	377992	46.71	ug/l		99
79) 2-Chlorotoluene	12.902	91	236563	52.33	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	271785	48.80	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	19450	54.15	ug/l		96
82) 4-Chlorotoluene	13.002	91	250145	52.21	ug/l		96
83) tert-Butylbenzene	13.220	119	196763	41.63	ug/l		100
84) 1,2,4-Trimethylbenzene	13.267	105	277001	49.24	ug/l		100
85) sec-Butylbenzene	13.396	105	231427	34.70	ug/l		99
86) p-Isopropyltoluene	13.514	119	214324	35.19	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	147310	46.43	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	147480	46.96	ug/l		98
89) n-Butylbenzene	13.838	91	149928	26.13	ug/l		99
90) Hexachloroethane	14.108	117	39305	32.40	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	128840	46.92	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10089	53.30	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	46352	27.28	ug/l		97
94) Hexachlorobutadiene	15.261	225	16150	16.60	ug/l		100
95) Naphthalene	15.396	128	111898	37.81	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	36029	24.25	ug/l		97

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

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