Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
Data File : VY004732.D
Acq On : 10 May 2021 16:16
Operator : SY/MD
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/11/2021 10:36:04 AM

Quant Time: May 11 04:34:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:33:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	185322	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	305472	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	277741	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128288	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	118041	53.51	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.02%				
35) Dibromofluoromethane	7.728	113	95029	56.83	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.66%				
50) Toluene-d8	10.185	98	384545	50.90	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.80%				
62) 4-Bromofluorobenzene	12.483	95	123904	48.60	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	6465	3.81	ug/l		94
3) Chloromethane	2.119	50	11332	4.12	ug/l	#	88
4) Vinyl Chloride	2.253	62	12651	4.50	ug/l		94
5) Bromomethane	2.656	94	6878	4.79	ug/l		90
6) Chloroethane	2.802	64	6752	4.07	ug/l	#	88
7) Trichlorofluoromethane	3.131	101	13790	4.13	ug/l		92
8) Diethyl Ether	3.540	74	5068	4.29	ug/l		87
9) 1,1,2-Trichlorotrifluo...	3.912	101	7790	4.11	ug/l		98
10) Methyl Iodide	4.107	142	8941	4.41	ug/l		98
11) Tert butyl alcohol	4.972	59	5320	24.00	ug/l	#	77
12) 1,1-Dichloroethene	3.875	96	7383	4.03	ug/l		85
13) Acrolein	3.741	56	4655	17.86	ug/l		91
14) Allyl chloride	4.491	41	14681	4.10	ug/l		98
15) Acrylonitrile	5.174	53	11704	19.78	ug/l		99
16) Acetone	3.960	43	11630	23.47	ug/l		95
17) Carbon Disulfide	4.198	76	23754	4.25	ug/l		96
18) Methyl Acetate	4.491	43	6720	4.25	ug/l		99
19) Methyl tert-butyl Ether	5.241	73	20115	3.99	ug/l		94
20) Methylene Chloride	4.729	84	26959	8.49	ug/l		93
21) trans-1,2-Dichloroethene	5.228	96	8108	3.90	ug/l		94
22) Diisopropyl ether	6.131	45	26551	3.86	ug/l		97
23) Vinyl Acetate	6.070	43	95145	18.40	ug/l		98
24) 1,1-Dichloroethane	6.033	63	15985	4.13	ug/l	#	93
25) 2-Butanone	7.003	43	16788	19.07	ug/l		95
26) 2,2-Dichloropropane	6.990	77	13484	3.98	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	9496	4.11	ug/l		96
28) Bromochloromethane	7.338	49	6988	3.69	ug/l	#	92
29) Tetrahydrofuran	7.362	42	10062	17.92	ug/l		98
30) Chloroform	7.515	83	15911	4.17	ug/l		98
31) Cyclohexane	7.795	56	17151	4.80	ug/l	#	61
32) 1,1,1-Trichloroethane	7.710	97	14000	4.09	ug/l		98
36) 1,1-Dichloropropene	7.923	75	13167	4.21	ug/l		95
37) Ethyl Acetate	7.088	43	9085	4.23	ug/l		99
38) Carbon Tetrachloride	7.905	117	9971	3.54	ug/l		98
39) Methylcyclohexane	9.185	83	13190	3.86	ug/l		96
40) Benzene	8.167	78	35028	3.96	ug/l		97

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41) Methacrylonitrile	7.320	41	4595m	3.92	ug/l		
42) 1,2-Dichloroethane	8.246	62	11448	4.10	ug/l		100
43) Isopropyl Acetate	8.277	43	14881	3.74	ug/l	#	90
44) Trichloroethene	8.941	130	9833	4.13	ug/l		95
45) 1,2-Dichloropropane	9.222	63	9395	4.06	ug/l		96
46) Dibromomethane	9.307	93	5097	3.96	ug/l		98
47) Bromodichloromethane	9.502	83	12462	4.08	ug/l		99
48) Methyl methacrylate	9.295	41	6425	3.55	ug/l		97
49) 1,4-Dioxane	9.313	88	1068	70.44	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.075	43	38624	18.03	ug/l		98
52) Toluene	10.246	92	22017	3.94	ug/l		98
53) t-1,3-Dichloropropene	10.465	75	13483	3.98	ug/l		91
54) cis-1,3-Dichloropropene	9.929	75	14851	3.94	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	6973	3.94	ug/l		95
56) Ethyl methacrylate	10.514	69	8968	3.50	ug/l		98
57) 1,3-Dichloropropane	10.795	76	12423	3.94	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	22988	17.38	ug/l		99
59) 2-Hexanone	10.837	43	24651	16.98	ug/l		100
60) Dibromochloromethane	10.990	129	8021	3.81	ug/l		100
61) 1,2-Dibromoethane	11.093	107	6563	3.84	ug/l		99
64) Tetrachloroethene	10.721	164	10381	4.14	ug/l		97
65) Chlorobenzene	11.520	112	23813	4.17	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.593	131	8100	3.90	ug/l		94
67) Ethyl Benzene	11.593	91	40621	3.82	ug/l		99
68) m/p-Xylenes	11.703	106	30274	7.59	ug/l		99
69) o-Xylene	12.032	106	14105	3.78	ug/l		100
70) Styrene	12.044	104	22315	3.57	ug/l		99
71) Bromoform	12.215	173	4729	3.76	ug/l	#	95
73) Isopropylbenzene	12.331	105	37956	3.92	ug/l		99
74) N-amyl acetate	12.148	43	12460	3.64	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	7562	3.92	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	5857m	4.30	ug/l		
77) Bromobenzene	12.611	156	9075	4.15	ug/l		96
78) n-propylbenzene	12.672	91	46045	3.90	ug/l		98
79) 2-Chlorotoluene	12.758	91	26411	4.08	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	31186	3.88	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	2985	3.80	ug/l		95
82) 4-Chlorotoluene	12.855	91	27163	4.04	ug/l		99
83) tert-Butylbenzene	13.075	119	27529	4.01	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	30533	3.80	ug/l		98
85) sec-Butylbenzene	13.258	105	38986	3.91	ug/l		97
86) p-Isopropyltoluene	13.373	119	33694	3.90	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	17086	3.99	ug/l		97
88) 1,4-Dichlorobenzene	13.446	146	18304	4.33	ug/l		94
89) n-Butylbenzene	13.696	91	33653	3.98	ug/l		96
90) Hexachloroethane	13.965	117	5043	4.14	ug/l		92
91) 1,2-Dichlorobenzene	13.745	146	15567	4.12	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1605	4.45	ug/l		89
93) 1,2,4-Trichlorobenzene	15.007	180	10376	4.26	ug/l		99
94) Hexachlorobutadiene	15.117	225	5827	4.42	ug/l		98
95) Naphthalene	15.239	128	20296	3.85	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	9156	4.25	ug/l		99

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

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