Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
Data File : VY004741.D
Acq On : 11 May 2021 12:53
Operator : SY/MD
Sample : M2262-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
5/12/2021 10:43:00 AM

Quant Time: May 12 01:22:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Wed May 12 01:21:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	186690	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	304664	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	276064	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128581	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.155	65	119885	53.95	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.90%				
35) Dibromofluoromethane	7.734	113	98383	58.99	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.98%				
50) Toluene-d8	10.185	98	395305	52.47	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.94%				
62) 4-Bromofluorobenzene	12.483	95	129895	51.08	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	6590	3.85	ug/l		98
3) Chloromethane	2.119	50	11050	3.99	ug/l		91
4) Vinyl Chloride	2.259	62	10928	3.85	ug/l		97
5) Bromomethane	2.662	94	6760	4.68	ug/l		99
6) Chloroethane	2.808	64	6826	4.08	ug/l		99
7) Trichlorofluoromethane	3.137	101	13930	4.14	ug/l		96
8) Diethyl Ether	3.546	74	5899	4.96	ug/l		78
9) 1,1,2-Trichlorotrifluo...	3.912	101	7922	4.15	ug/l		97
10) Methyl Iodide	4.107	142	9628	4.72	ug/l	#	95
11) Tert butyl alcohol	4.985	59	6349	28.43	ug/l	#	85
12) 1,1-Dichloroethene	3.881	96	8200	4.44	ug/l		86
13) Acrolein	3.741	56	5227	19.91	ug/l		99
14) Allyl chloride	4.491	41	14989	4.16	ug/l		97
15) Acrylonitrile	5.186	53	12831	21.53	ug/l		98
16) Acetone	3.966	43	12091	24.22	ug/l		91
17) Carbon Disulfide	4.210	76	24992	4.43	ug/l		99
18) Methyl Acetate	4.497	43	7965	5.00	ug/l		99
19) Methyl tert-butyl Ether	5.241	73	21651	4.27	ug/l		100
20) Methylene Chloride	4.735	84	16934	5.29	ug/l		92
21) trans-1,2-Dichloroethene	5.235	96	8827	4.21	ug/l		89
22) Diisopropyl ether	6.143	45	27390	3.95	ug/l		97
23) Vinyl Acetate	6.076	43	99427	19.09	ug/l		99
24) 1,1-Dichloroethane	6.033	63	16288	4.17	ug/l		97
25) 2-Butanone	7.009	43	18202	20.53	ug/l		92
26) 2,2-Dichloropropane	6.996	77	14007	4.11	ug/l		100
27) cis-1,2-Dichloroethene	6.996	96	9683	4.16	ug/l		99
28) Bromochloromethane	7.350	49	7918	4.15	ug/l		99
29) Tetrahydrofuran	7.368	42	11206	19.81	ug/l		99
30) Chloroform	7.527	83	16464	4.28	ug/l		89
31) Cyclohexane	7.801	56	16748	4.66	ug/l	#	62
32) 1,1,1-Trichloroethane	7.716	97	14266	4.14	ug/l		98
36) 1,1-Dichloropropene	7.929	75	13208	4.23	ug/l		97
37) Ethyl Acetate	7.088	43	9251	4.32	ug/l		98
38) Carbon Tetrachloride	7.911	117	10428	3.72	ug/l		93
39) Methylcyclohexane	9.191	83	13441	3.95	ug/l		94
40) Benzene	8.173	78	36416	4.13	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	5042	4.31	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	11861	4.25	ug/l		97
43) Isopropyl Acetate	8.283	43	16567	4.17	ug/l		99
44) Trichloroethene	8.947	130	10079	4.25	ug/l		91
45) 1,2-Dichloropropane	9.228	63	9519	4.12	ug/l		98
46) Dibromomethane	9.313	93	5249	4.09	ug/l		98
47) Bromodichloromethane	9.508	83	12678	4.16	ug/l		97
48) Methyl methacrylate	9.301	41	7036	3.89	ug/l		98
49) 1,4-Dioxane	9.307	88	940	62.16	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.081	43	42347	19.82	ug/l		97
52) Toluene	10.252	92	22714	4.08	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	13840	4.10	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	14647	3.90	ug/l		95
55) 1,1,2-Trichloroethane	10.654	97	7625	4.31	ug/l		90
56) Ethyl methacrylate	10.514	69	9536	3.73	ug/l		99
57) 1,3-Dichloropropane	10.795	76	13438	4.28	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	23233	17.61	ug/l		95
59) 2-Hexanone	10.843	43	27249	18.82	ug/l		100
60) Dibromochloromethane	10.990	129	8230	3.92	ug/l		99
61) 1,2-Dibromoethane	11.093	107	6794	3.99	ug/l		93
64) Tetrachloroethene	10.727	164	9900	3.97	ug/l		94
65) Chlorobenzene	11.520	112	23727	4.18	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	8227	3.98	ug/l		95
67) Ethyl Benzene	11.599	91	42385	4.02	ug/l		98
68) m/p-Xylenes	11.703	106	31775	8.01	ug/l		98
69) o-Xylene	12.032	106	14169	3.82	ug/l		97
70) Styrene	12.050	104	23452	3.77	ug/l		98
71) Bromoform	12.215	173	4840	3.87	ug/l	#	97
73) Isopropylbenzene	12.337	105	38593	3.98	ug/l		99
74) N-amyl acetate	12.148	43	12658	3.69	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	8407	4.34	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	6625m	4.85	ug/l		
77) Bromobenzene	12.611	156	9140	4.17	ug/l		96
78) n-propylbenzene	12.678	91	48682	4.11	ug/l		99
79) 2-Chlorotoluene	12.758	91	26348	4.06	ug/l		97
80) 1,3,5-Trimethylbenzene	12.819	105	32036	3.98	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.386	75	3367	4.27	ug/l		95
82) 4-Chlorotoluene	12.861	91	27793	4.12	ug/l		99
83) tert-Butylbenzene	13.081	119	27967	4.07	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	30489	3.78	ug/l		99
85) sec-Butylbenzene	13.258	105	39932	3.99	ug/l		99
86) p-Isopropyltoluene	13.373	119	34013	3.92	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	17992	4.19	ug/l		97
88) 1,4-Dichlorobenzene	13.453	146	18043	4.26	ug/l		91
89) n-Butylbenzene	13.703	91	32507	3.84	ug/l		99
90) Hexachloroethane	13.965	117	5121	4.20	ug/l		95
91) 1,2-Dichlorobenzene	13.745	146	16760	4.42	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1584	4.38	ug/l		93
93) 1,2,4-Trichlorobenzene	15.013	180	10511	4.31	ug/l		99
94) Hexachlorobutadiene	15.117	225	5811	4.39	ug/l		96
95) Naphthalene	15.239	128	21476	4.07	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	9120	4.22	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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