Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052521\
Data File : VW019081.D
Acq On : 25 May 2021 17:06
Operator : SY/VA
Sample : M2262-03 4PPBMDL
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/27/2021 10:29:35 AM

Quant Time: May 26 03:29:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Wed May 26 03:28:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	335444	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.848	114	579908	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	515586	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	249749	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	233926	55.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.28%				
35) Dibromofluoromethane	7.885	113	207283	52.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.06%				
50) Toluene-d8	10.323	98	821949	51.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.26%				
62) 4-Bromofluorobenzene	12.615	95	287432	50.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	7493	3.17	ug/l		99
3) Chloromethane	2.215	50	10567	4.05	ug/l		98
4) Vinyl Chloride	2.361	62	14770	3.61	ug/l		98
5) Bromomethane	2.782	94	12508	3.78	ug/l		85
6) Chloroethane	2.928	64	9472	3.48	ug/l		98
7) Trichlorofluoromethane	3.257	101	6850	2.88	ug/l		90
8) Diethyl Ether	3.684	74	6929	3.70	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.074	101	13146	3.66	ug/l		96
10) Methyl Iodide	4.282	142	17864	3.51	ug/l		97
11) Tert butyl alcohol	5.196	59	7284	35.42	ug/l	#	89
12) 1,1-Dichloroethene	4.044	96	13138	3.52	ug/l		85
13) Acrolein	3.891	56	4582	18.03	ug/l		99
14) Allyl chloride	4.672	41	16207	3.25	ug/l		97
15) Acrylonitrile	5.373	53	13350	19.40	ug/l		97
16) Acetone	4.135	43	13948	21.55	ug/l		99
17) Carbon Disulfide	4.391	76	33087	3.28	ug/l		100
18) Methyl Acetate	4.678	43	7977	4.56	ug/l		99
19) Methyl tert-butyl Ether	5.428	73	17148	3.77	ug/l		96
20) Methylene Chloride	4.916	84	50469	10.75	ug/l		98
21) trans-1,2-Dichloroethene	5.434	96	14896	3.58	ug/l		94
22) Diisopropyl ether	6.312	45	33838	3.50	ug/l	#	89
23) Vinyl Acetate	6.257	43	99588	15.63	ug/l		98
24) 1,1-Dichloroethane	6.220	63	26904	3.59	ug/l		97
25) 2-Butanone	7.184	43	19375	20.28	ug/l		91
26) 2,2-Dichloropropane	7.165	77	17278	4.04	ug/l		90
27) cis-1,2-Dichloroethene	7.171	96	16969	3.71	ug/l		92
28) Bromochloromethane	7.513	49	12427	4.19	ug/l		95
29) Tetrahydrofuran	7.537	42	10476	19.36	ug/l		94
30) Chloroform	7.677	83	28245	3.74	ug/l		97
31) Cyclohexane	7.958	56	27785	4.36	ug/l	#	70
32) 1,1,1-Trichloroethane	7.872	97	20945	3.61	ug/l		95
36) 1,1-Dichloropropene	8.086	75	21986	3.40	ug/l		98
37) Ethyl Acetate	7.257	43	9121	3.90	ug/l		96
38) Carbon Tetrachloride	8.074	117	18503	3.22	ug/l		99
39) Methylcyclohexane	9.336	83	23220	3.23	ug/l		98
40) Benzene	8.324	78	62363	3.54	ug/l		96

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41) Methacrylonitrile	7.488	41	5334m	3.90	ug/l		
42) 1,2-Dichloroethane	8.403	62	19155	3.68	ug/l		100
43) Isopropyl Acetate	8.433	43	15520	3.44	ug/l		96
44) Trichloroethene	9.092	130	15697	3.39	ug/l		95
45) 1,2-Dichloropropane	9.372	63	14944	3.49	ug/l		93
46) Dibromomethane	9.464	93	8048	3.61	ug/l		99
47) Bromodichloromethane	9.646	83	18810	3.28	ug/l	#	99
48) Methyl methacrylate	9.439	41	6639	3.15	ug/l		92
49) 1,4-Dioxane	9.464	88	1996	74.58	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.213	43	40640	17.74	ug/l		99
52) Toluene	10.390	92	38528	3.43	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	17847	3.12	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	20624	3.04	ug/l		95
55) 1,1,2-Trichloroethane	10.787	97	11314	3.59	ug/l		97
56) Ethyl methacrylate	10.646	69	12335	3.12	ug/l		96
57) 1,3-Dichloropropane	10.933	76	19869	3.53	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.927	63	35365	17.72	ug/l		98
59) 2-Hexanone	10.969	43	24828	16.12	ug/l		99
60) Dibromochloromethane	11.128	129	11527	3.27	ug/l		97
61) 1,2-Dibromoethane	11.238	107	10320	3.48	ug/l		98
64) Tetrachloroethene	10.866	164	12930	3.50	ug/l		91
65) Chlorobenzene	11.658	112	40963	3.57	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.731	131	12650	3.23	ug/l		98
67) Ethyl Benzene	11.731	91	72651	3.34	ug/l		95
68) m/p-Xylenes	11.841	106	52480	6.58	ug/l		98
69) o-Xylene	12.164	106	24854	3.30	ug/l		98
70) Styrene	12.183	104	38814	3.08	ug/l		98
71) Bromoform	12.347	173	5628	2.98	ug/l	#	95
73) Isopropylbenzene	12.463	105	64639	3.17	ug/l		100
74) N-amyl acetate	12.274	43	13095	3.20	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	13071	3.76	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	10202m	4.28	ug/l		
77) Bromobenzene	12.750	156	15305	3.51	ug/l		96
78) n-propylbenzene	12.804	91	82053	3.25	ug/l		99
79) 2-Chlorotoluene	12.890	91	48245	3.39	ug/l		97
80) 1,3,5-Trimethylbenzene	12.945	105	56789	3.30	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	2941m	2.79	ug/l		
82) 4-Chlorotoluene	12.987	91	49000	3.27	ug/l		99
83) tert-Butylbenzene	13.201	119	45714	3.12	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	56208	3.28	ug/l		95
85) sec-Butylbenzene	13.384	105	70503	3.21	ug/l		100
86) p-Isopropyltoluene	13.493	119	58758	3.14	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	30757	3.41	ug/l		96
88) 1,4-Dichlorobenzene	13.579	146	32480	3.66	ug/l		94
89) n-Butylbenzene	13.823	91	58638	3.13	ug/l		99
90) Hexachloroethane	14.091	117	9314	3.15	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	27226	3.47	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2042	3.70	ug/l		89
93) 1,2,4-Trichlorobenzene	15.127	180	17929	3.31	ug/l		99
94) Hexachlorobutadiene	15.231	225	9704	3.17	ug/l		89
95) Naphthalene	15.365	128	30880	3.25	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	16443	3.58	ug/l		99

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

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