Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052021\
Data File : VW019038.D
Acq On : 19 May 2021 18:05
Operator : SY/VA
Sample : M2262-01 2.5PPBLOD
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
5/20/2021 6:00:20 PM

Quant Time: May 20 03:46:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Thu May 20 03:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	377360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	633769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	584708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	288938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225971	58.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.42%			
35) Dibromofluoromethane	7.884	113	199534	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.08%			
50) Toluene-d8	10.323	98	810592	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.72%			
62) 4-Bromofluorobenzene	12.615	95	278925	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	5744	2.26	ug/l	84
3) Chloromethane	2.215	50	7834	2.78	ug/l	96
4) Vinyl Chloride	2.361	62	9398	2.27	ug/l	98
5) Bromomethane	2.776	94	8661	2.50	ug/l	100
6) Chloroethane	2.922	64	6185	2.17	ug/l	93
7) Trichlorofluoromethane	3.257	101	4461	1.96	ug/l	84
8) Diethyl Ether	3.684	74	5474	2.76	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	9502	2.58	ug/l	98
10) Methyl Iodide	4.281	142	11899	2.20	ug/l	96
11) Tert butyl alcohol	5.172	59	6189m	27.62	ug/l	
12) 1,1-Dichloroethene	4.050	96	9006	2.40	ug/l	99
13) Acrolein	3.903	56	2987	11.75	ug/l	98
14) Allyl chloride	4.672	41	11023	2.25	ug/l	97
15) Acrylonitrile	5.373	53	9117	12.27	ug/l	97
16) Acetone	4.129	43	11819	19.53	ug/l	100
17) Carbon Disulfide	4.391	76	21927	2.14	ug/l	98
18) Methyl Acetate	4.665	43	4891	2.75	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	11390	2.41	ug/l	94
20) Methylene Chloride	4.922	84	42928	7.91	ug/l	95
21) trans-1,2-Dichloroethene	5.415	96	10833	2.52	ug/l	89
22) Diisopropyl ether	6.312	45	23018	2.31	ug/l	91
23) Vinyl Acetate	6.257	43	70597	10.55	ug/l	99
24) 1,1-Dichloroethane	6.220	63	18203	2.36	ug/l	99
25) 2-Butanone	7.177	43	14036	14.12	ug/l	94
26) 2,2-Dichloropropane	7.159	77	12466	3.00	ug/l	91
27) cis-1,2-Dichloroethene	7.171	96	11564	2.43	ug/l	92
28) Bromochloromethane	7.513	49	8071	2.58	ug/l	99
29) Tetrahydrofuran	7.543	42	7515	12.93	ug/l	96
30) Chloroform	7.677	83	19678	2.51	ug/l	93
31) Cyclohexane	7.951	56	23139	3.59	ug/l #	64
32) 1,1,1-Trichloroethane	7.872	97	13434	2.31	ug/l	98
36) 1,1-Dichloropropene	8.080	75	15684	2.49	ug/l	98
37) Ethyl Acetate	7.263	43	8041	3.29	ug/l	98
38) Carbon Tetrachloride	8.067	117	12691	2.28	ug/l	99
39) Methylcyclohexane	9.335	83	17184	2.46	ug/l	96
40) Benzene	8.323	78	42823	2.43	ug/l	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.494	41	2664	2.00	ug/l	#	94
42)	1,2-Dichloroethane	8.403	62	13165	2.52	ug/l		97
43)	Isopropyl Acetate	8.427	43	11256	2.47	ug/l		98
44)	Trichloroethene	9.098	130	11044	2.43	ug/l		98
45)	1,2-Dichloropropane	9.372	63	10508	2.46	ug/l		98
46)	Dibromomethane	9.463	93	5881	2.54	ug/l		95
47)	Bromodichloromethane	9.646	83	13487	2.34	ug/l		93
48)	Methyl methacrylate	9.439	41	4658	2.23	ug/l		97
49)	1,4-Dioxane	9.470	88	1218m	46.12	ug/l		
51)	4-Methyl-2-Pentanone	10.213	43	30736	13.03	ug/l		98
52)	Toluene	10.384	92	27402	2.45	ug/l		99
53)	t-1,3-Dichloropropene	10.610	75	11982	2.12	ug/l		99
54)	cis-1,3-Dichloropropene	10.073	75	15083	2.24	ug/l		99
55)	1,1,2-Trichloroethane	10.786	97	7649	2.39	ug/l		96
56)	Ethyl methacrylate	10.646	69	8585	2.13	ug/l	#	89
57)	1,3-Dichloropropane	10.933	76	13552	2.37	ug/l		98
58)	2-Chloroethyl Vinyl ether	9.927	63	22244	10.69	ug/l		100
59)	2-Hexanone	10.969	43	17939	11.44	ug/l		95
60)	Dibromochloromethane	11.128	129	7815	2.18	ug/l		98
61)	1,2-Dibromoethane	11.237	107	7421	2.41	ug/l		97
64)	Tetrachloroethene	10.860	164	9504	2.50	ug/l		94
65)	Chlorobenzene	11.658	112	28265	2.38	ug/l		99
66)	1,1,1,2-Tetrachloroethane	11.731	131	9044	2.23	ug/l		95
67)	Ethyl Benzene	11.731	91	51032	2.32	ug/l		98
68)	m/p-Xylenes	11.841	106	37317	4.51	ug/l		98
69)	o-Xylene	12.164	106	17748	2.30	ug/l		97
70)	Styrene	12.182	104	28565	2.18	ug/l		98
71)	Bromoform	12.347	173	4441	2.18	ug/l	#	93
73)	Isopropylbenzene	12.463	105	46683	2.20	ug/l		99
74)	N-amyl acetate	12.274	43	8667	1.98	ug/l		98
75)	1,1,2,2-Tetrachloroethane	12.719	83	9567	2.52	ug/l		99
76)	1,2,3-Trichloropropane	12.774	75	6139m	2.25	ug/l		
77)	Bromobenzene	12.743	156	11332	2.43	ug/l		94
78)	n-propylbenzene	12.804	91	60562	2.34	ug/l		100
79)	2-Chlorotoluene	12.890	91	34272	2.32	ug/l		99
80)	1,3,5-Trimethylbenzene	12.945	105	39940	2.22	ug/l		99
81)	trans-1,4-Dichloro-2-b...	12.518	75	2091m	1.87	ug/l		
82)	4-Chlorotoluene	12.987	91	36517	2.33	ug/l		100
83)	tert-Butylbenzene	13.207	119	34674	2.29	ug/l		99
84)	1,2,4-Trimethylbenzene	13.249	105	41216	2.31	ug/l		99
85)	sec-Butylbenzene	13.383	105	51278	2.28	ug/l		100
86)	p-Isopropyltoluene	13.499	119	42870	2.20	ug/l		99
87)	1,3-Dichlorobenzene	13.499	146	23699	2.49	ug/l		99
88)	1,4-Dichlorobenzene	13.579	146	23806	2.53	ug/l		88
89)	n-Butylbenzene	13.822	91	44109	2.30	ug/l		100
90)	Hexachloroethane	14.091	117	6726	2.20	ug/l		98
91)	1,2-Dichlorobenzene	13.871	146	20490	2.43	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.481	75	1503	2.48	ug/l		89
93)	1,2,4-Trichlorobenzene	15.133	180	14730	2.61	ug/l		97
94)	Hexachlorobutadiene	15.231	225	7957	2.44	ug/l		90
95)	Naphthalene	15.365	128	23914	2.32	ug/l		97
96)	1,2,3-Trichlorobenzene	15.554	180	12805	2.62	ug/l		100

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

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