Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091621\
Data File : VW020038.D
Acq On : 16 Sep 2021 11:39
Operator : SY/VA
Sample : MDL6
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 16 14:41:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : MDL6

Manual Integrations APPROVED
MMDadoda
9/17/2021 4:38:45 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	252725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	116342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111853	26.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.280%			
7) Chloroethane-d5	2.898	69	91873	25.114	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	4.019	63	126772	18.248	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.000%			
21) 2-Butanone-d5	7.080	46	44117	37.943	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.880%			
24) Chloroform-d	7.653	84	175169	24.636	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.560%			
26) 1,2-Dichloroethane-d4	8.311	65	106180	25.349	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	8.281	84	343168	24.888	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.560%			
36) 1,2-Dichloropropane-d6	9.274	67	101757	24.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.520%			
41) Toluene-d8	10.323	98	305575	23.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.560%			
43) trans-1,3-Dichloroprop...	10.579	79	44674	23.746	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.000%			
47) 2-Hexanone-d5	10.927	63	33346	39.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.820%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	92008	22.867	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	106725	26.918	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3126m	1.168	ug/L	
3) Chloromethane	2.215	50	4840	1.343	ug/L	99
5) Vinyl chloride	2.367	62	7135	1.266	ug/L #	53
6) Bromomethane	2.788	94	4781	1.210	ug/L	99
8) Chloroethane	2.928	64	4276	1.244	ug/L	97
9) Trichlorofluoromethane	3.269	101	3046	0.926	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	5542m	1.498	ug/L	
12) 1,1-Dichloroethene	4.044	96	4771	1.362	ug/L #	1
13) Acetone	4.147	43	4099	3.712	ug/L	97
14) Carbon disulfide	4.391	76	13629	1.192	ug/L	100
15) Methyl Acetate	4.690	43	2132m	1.107	ug/L	
16) Methylene chloride	4.916	84	18005	3.960	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	3802	1.030	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	4658	1.011	ug/L #	74
19) 1,1-Dichloroethane	6.220	63	7536	1.142	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	4174	1.096	ug/L	95
22) 2-Butanone	7.183	43	4335m	3.133	ug/L	
23) Bromochloromethane	7.519	128	1998	1.133	ug/L	90
25) Chloroform	7.677	83	9140	1.318	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	5879	1.212	ug/L		96
29) Cyclohexane	7.958	56	4723	0.830	ug/L	#	93
30) 1,1,1-Trichloroethane	7.872	97	6831	1.153	ug/L		97
31) Carbon tetrachloride	8.073	117	6058	1.096	ug/L	#	61
33) Benzene	8.323	78	17129	1.126	ug/L		100
34) Trichloroethene	9.098	95	4564	1.133	ug/L		89
35) Methylcyclohexane	9.335	83	5528	0.814	ug/L		95
37) 1,2-Dichloropropane	9.372	63	4425	1.202	ug/L	#	94
38) Bromodichloromethane	9.646	83	5747	1.157	ug/L		89
39) cis-1,3-Dichloropropene	10.073	75	5412	0.974	ug/L		95
40) 4-Methyl-2-pentanone	10.213	43	6044	2.301	ug/L		94
42) Toluene	10.390	91	23027	1.419	ug/L		99
44) trans-1,3-Dichloropropene	10.610	75	7623	1.448	ug/L		95
45) 1,1,2-Trichloroethane	10.786	97	3583	1.216	ug/L		96
46) Tetrachloroethene	10.866	164	3556	1.141	ug/L		86
48) 2-Hexanone	10.969	43	3420	1.816	ug/L		93
49) Dibromochloromethane	11.128	129	3740	1.105	ug/L		97
50) 1,2-Dibromoethane	11.238	107	3189	1.101	ug/L	#	96
51) Chlorobenzene	11.658	112	12405	1.179	ug/L		97
52) Ethylbenzene	11.731	91	17309	0.976	ug/L		95
53) m,p-Xylene	11.835	106	5999	0.890	ug/L		96
54) o-Xylene	12.164	106	5016	0.788	ug/L		90
55) Styrene	12.183	104	8747	0.799	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	4687	1.214	ug/L	#	91
59) Bromoform	12.353	173	2003	1.138	ug/L	#	93
60) Isopropylbenzene	12.463	105	13146	0.852	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	3292	1.210	ug/L		93
62) 1,3,5-Trimethylbenzene	12.945	105	10623	0.846	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	10340	0.839	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	7536	1.062	ug/L		98
65) 1,4-Dichlorobenzene	13.573	146	8516	1.178	ug/L		91
67) 1,2-Dichlorobenzene	13.871	146	8241	1.274	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.627	180	5353	1.091	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	4035	1.050	ug/L		98
71) Naphthalene	15.365	128	6488	0.790	ug/L		97
72) 1,2,3-Trichlorobenzene	15.548	180	3319	0.920	ug/L		93

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

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