Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
Data File : VW020072.D
Acq On : 20 Sep 2021 10:14
Operator : SY/VA
Sample : MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 02:25:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 21 01:31:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	325894	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	312353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	146427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	121174	22.575	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.280%			
7) Chloroethane-d5	2.898	69	99365	21.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.040%			
11) 1,1-Dichloroethene-d2	4.025	63	155668	17.743	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.960%			
21) 2-Butanone-d5	7.086	46	48986	33.360	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.720%			
24) Chloroform-d	7.653	84	223544	24.894	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.560%			
26) 1,2-Dichloroethane-d4	8.311	65	128182	24.232	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.920%			
32) Benzene-d6	8.281	84	423040	24.823	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.280%			
36) 1,2-Dichloropropane-d6	9.281	67	126583	25.042	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.160%			
41) Toluene-d8	10.329	98	374630	23.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.800%			
43) trans-1,3-Dichloroprop...	10.579	79	52220	22.458	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.840%			
47) 2-Hexanone-d5	10.927	63	35133	34.022	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.040%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	103087	20.730	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	128383	25.727	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	2812m	0.832	ug/L	
3) Chloromethane	2.215	50	5212	1.145	ug/L	86
5) Vinyl chloride	2.367	62	7771	1.092	ug/L #	43
6) Bromomethane	2.788	94	4778	0.958	ug/L	97
8) Chloroethane	2.934	64	4748	1.093	ug/L	99
9) Trichlorofluoromethane	3.269	101	4017	0.967	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	6849m	1.466	ug/L	
12) 1,1-Dichloroethene	4.044	96	5796	1.310	ug/L #	1
14) Carbon disulfide	4.391	76	14388	0.996	ug/L	98
15) Methyl Acetate	4.678	43	2161m	0.889	ug/L	
16) Methylene chloride	4.922	84	12126	2.112	ug/L	83
17) trans-1,2-Dichloroethene	5.440	96	4983	1.069	ug/L	97
18) Methyl tert-butyl Ether	5.440	73	5393m	0.927	ug/L	
19) 1,1-Dichloroethane	6.226	63	9266	1.112	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	4993	1.038	ug/L	96
23) Bromochloromethane	7.525	128	2587	1.161	ug/L #	81
25) Chloroform	7.683	83	11661	1.332	ug/L	96
27) 1,2-Dichloroethane	8.409	62	6885	1.124	ug/L	98
29) Cyclohexane	7.964	56	5819	0.827	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.878	97	8199	1.120	ug/L		99
31) Carbon tetrachloride	8.079	117	7541	1.104	ug/L		99
33) Benzene	8.329	78	20927	1.113	ug/L		100
34) Trichloroethene	9.098	95	5543	1.113	ug/L		96
35) Methylcyclohexane	9.335	83	6766	0.806	ug/L	#	86
37) 1,2-Dichloropropane	9.372	63	5289	1.162	ug/L	#	96
38) Bromodichloromethane	9.652	83	7288	1.187	ug/L		95
39) cis-1,3-Dichloropropene	10.079	75	6829	0.994	ug/L		96
42) Toluene	10.390	91	28077	1.400	ug/L		99
45) 1,1,2-Trichloroethane	10.792	97	3992	1.097	ug/L		92
46) Tetrachloroethene	10.866	164	4187	1.087	ug/L		91
48) 2-Hexanone	10.969	43	3767	1.619	ug/L		96
49) Dibromochloromethane	11.134	129	4379	1.047	ug/L		80
50) 1,2-Dibromoethane	11.237	107	3644	1.018	ug/L		94
51) Chlorobenzene	11.658	112	14274	1.098	ug/L		98
52) Ethylbenzene	11.731	91	20886	0.953	ug/L		93
53) m,p-Xylene	11.841	106	7093	0.851	ug/L		96
54) o-Xylene	12.170	106	6094	0.775	ug/L		88
55) Styrene	12.182	104	10537	0.779	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4897	1.026	ug/L	#	75
59) Bromoform	12.347	173	2269	1.024	ug/L	#	95
60) Isopropylbenzene	12.469	105	15956	0.822	ug/L		98
61) 1,2,3-Trichloropropane	12.774	75	3316	0.968	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.944	105	12536	0.793	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	12323	0.794	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	9404	1.053	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	10489	1.152	ug/L		91
67) 1,2-Dichlorobenzene	13.871	146	9676	1.189	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	6499	1.052	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	4556	0.942	ug/L		99
71) Naphthalene	15.365	128	6892	0.667	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	4053	0.893	ug/L		99

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

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