Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020023.D
Acq On : 14 Sep 2021 21:31
Operator : SY/VA
Sample : MDL02
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 15 04:02:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 15 03:16:46 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : MDL02

Manual Integrations APPROVED
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9/17/2021 2:31:23 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	291488	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	279600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	128921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133131	27.730	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.920%			
7) Chloroethane-d5	2.897	69	108464	26.248	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.000%			
11) 1,1-Dichloroethene-d2	4.025	63	151317	19.282	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.120%			
21) 2-Butanone-d5	7.080	46	45424	34.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.180%			
24) Chloroform-d	7.653	84	211675	26.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.440%			
26) 1,2-Dichloroethane-d4	8.305	65	121528	25.685	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.760%			
32) Benzene-d6	8.281	84	415997	27.270	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.080%			
36) 1,2-Dichloropropane-d6	9.274	67	123300	27.250	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.000%			
41) Toluene-d8	10.323	98	388573	27.174	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.680%			
43) trans-1,3-Dichloroprop...	10.579	79	52330	25.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.560%			
47) 2-Hexanone-d5	10.927	63	33785	36.549	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.100%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	94547	21.240	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	124543	28.347	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 113.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	2457	0.813	ug/L #	88
3) Chloromethane	2.221	50	4463	1.097	ug/L	96
5) Vinyl chloride	2.367	62	7016	1.102	ug/L #	34
6) Bromomethane	2.788	94	4560	1.022	ug/L	93
8) Chloroethane	2.934	64	3986	1.026	ug/L	99
9) Trichlorofluoromethane	3.263	101	2952	0.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	5753m	1.377	ug/L	
12) 1,1-Dichloroethene	4.044	96	4938	1.248	ug/L #	1
14) Carbon disulfide	4.385	76	12603	0.976	ug/L	96
15) Methyl Acetate	4.678	43	1702	0.782	ug/L #	86
16) Methylene chloride	4.915	84	10690	2.081	ug/L	91
17) trans-1,2-Dichloroethene	5.440	96	3820	0.917	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	4806	0.923	ug/L #	72
19) 1,1-Dichloroethane	6.220	63	7682m	1.030	ug/L	
20) cis-1,2-Dichloroethene	7.177	96	4371	1.016	ug/L	97
23) Bromochloromethane	7.519	128	1999	1.003	ug/L	85
25) Chloroform	7.677	83	9385	1.198	ug/L	95
27) 1,2-Dichloroethane	8.409	62	5634	1.028	ug/L	100
29) Cyclohexane	7.958	56	5039	0.800	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.872	97	7196	1.098	ug/L		93
31) Carbon tetrachloride	8.073	117	5845	0.956	ug/L		96
33) Benzene	8.323	78	18329	1.089	ug/L		100
34) Trichloroethene	9.091	95	4265	0.957	ug/L		92
35) Methylcyclohexane	9.341	83	6660	0.886	ug/L		98
37) 1,2-Dichloropropane	9.372	63	4218	1.035	ug/L	#	93
38) Bromodichloromethane	9.646	83	5767	1.049	ug/L	#	91
39) cis-1,3-Dichloropropene	10.079	75	5562	0.904	ug/L		97
42) Toluene	10.390	91	23974	1.335	ug/L		100
45) 1,1,2-Trichloroethane	10.792	97	3076	0.944	ug/L		96
46) Tetrachloroethene	10.866	164	3516	1.020	ug/L		87
48) 2-Hexanone	10.969	43	2875	1.380	ug/L	#	91
49) Dibromochloromethane	11.128	129	3627	0.969	ug/L		96
50) 1,2-Dibromoethane	11.231	107	2870	0.895	ug/L	#	88
51) Chlorobenzene	11.658	112	11709	1.006	ug/L		97
52) Ethylbenzene	11.731	91	17459	0.890	ug/L		97
53) m,p-Xylene	11.841	106	6602	0.885	ug/L		95
54) o-Xylene	12.170	106	5333	0.757	ug/L		98
55) Styrene	12.182	104	9007	0.744	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.719	83	4403	1.031	ug/L	#	92
59) Bromoform	12.353	173	1763	0.904	ug/L	#	96
60) Isopropylbenzene	12.463	105	13608	0.796	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	2930	0.972	ug/L		94
62) 1,3,5-Trimethylbenzene	12.944	105	10708	0.770	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	10794	0.790	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	7716	0.981	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	9044	1.129	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	8315	1.160	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.627	180	5838	1.073	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	4142	0.973	ug/L		99
71) Naphthalene	15.359	128	6354	0.698	ug/L		97
72) 1,2,3-Trichlorobenzene	15.554	180	3687	0.922	ug/L		94

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

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