Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
Data File : VW020016.D
Acq On : 14 Sep 2021 16:44
Operator : SY/VA
Sample : VIBLK432
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK432

Quant Time: Sep 15 03:22:54 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	282981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	267628	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	125172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	131893	28.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.200%			
7) Chloroethane-d5	2.898	69	104952	26.162	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.640%			
11) 1,1-Dichloroethene-d2	4.025	63	147493	19.360	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.440%			
21) 2-Butanone-d5	7.086	46	65615	51.461	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.920%			
24) Chloroform-d	7.653	84	193137	24.770	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.080%			
26) 1,2-Dichloroethane-d4	8.311	65	119322	25.977	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.920%			
32) Benzene-d6	8.281	84	385623	26.409	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.640%			
36) 1,2-Dichloropropane-d6	9.274	67	112724	26.027	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.120%			
41) Toluene-d8	10.329	98	351118	25.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	10.579	79	52023	26.113	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.440%			
47) 2-Hexanone-d5	10.927	63	48298	54.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.180%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107955	25.337	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	118404	27.757	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.040%			
Target Compounds						Qvalue
3) Chloromethane	2.221	50	2042	0.517	ug/L	97
5) Vinyl chloride	2.373	62	3074	0.497	ug/L #	1
6) Bromomethane	2.782	94	2137	0.493	ug/L	80
8) Chloroethane	2.940	64	1600	0.424	ug/L	92
9) Trichlorofluoromethane	3.263	101	1398	0.388	ug/L #	61
12) 1,1-Dichloroethene	4.038	96	2787	0.726	ug/L #	1
13) Acetone	4.147	43	5419	4.475	ug/L	95
16) Methylene chloride	4.934	84	16774	3.364	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	1597	0.395	ug/L	81
18) Methyl tert-butyl Ether	5.434	73	1934	0.383	ug/L #	77
27) 1,2-Dichloroethane	8.409	62	2397	0.451	ug/L #	89
29) Cyclohexane	7.964	56	2560	0.425	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	2439	0.389	ug/L	97
31) Carbon tetrachloride	8.080	117	2293	0.392	ug/L	91
33) Benzene	8.329	78	6555	0.407	ug/L	100
34) Trichloroethene	9.098	95	1812	0.425	ug/L	84
35) Methylcyclohexane	9.341	83	2961	0.412	ug/L #	80
37) 1,2-Dichloropropane	9.378	63	1717	0.440	ug/L #	96
38) Bromodichloromethane	9.640	83	2152	0.409	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.390	91	12159	0.707	ug/L		99
45) 1,1,2-Trichloroethane	10.792	97	1250	0.401	ug/L		95
46) Tetrachloroethene	10.866	164	1589	0.481	ug/L		90
48) 2-Hexanone	10.969	43	1937	0.971	ug/L	#	92
50) 1,2-Dibromoethane	11.231	107	1244	0.405	ug/L	#	98
51) Chlorobenzene	11.658	112	4950	0.444	ug/L		90
52) Ethylbenzene	11.731	91	7495	0.399	ug/L		92
53) m,p-Xylene	11.841	106	2774	0.388	ug/L		97
54) o-Xylene	12.164	106	2233	0.331	ug/L		85
55) Styrene	12.176	104	3732	0.322	ug/L		88
57) 1,1,2,2-Tetrachloroethane	12.713	83	2470	0.604	ug/L	#	91
59) Bromoform	12.347	173	845	0.446	ug/L	#	92
60) Isopropylbenzene	12.463	105	6223	0.375	ug/L	#	95
61) 1,2,3-Trichloropropane	12.768	75	1445	0.494	ug/L	#	86
62) 1,3,5-Trimethylbenzene	12.945	105	5846	0.433	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	6312	0.476	ug/L		94
64) 1,3-Dichlorobenzene	13.499	146	4399	0.576	ug/L		86
65) 1,4-Dichlorobenzene	13.579	146	5419	0.696	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	4764	0.685	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	3703	0.896	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	3369	0.868	ug/L		97

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

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