Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020030.D
Acq On : 15 Sep 2021 11:13
Operator : SY/VA
Sample : MDL03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
9/17/2021 2:30:18 PM

Quant Time: Sep 16 00:57:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	294984	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	281242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	135621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135127	27.812	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.240%			
7) Chloroethane-d5	2.898	69	108509	25.948	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.800%			
11) 1,1-Dichloroethene-d2	4.025	63	151439	19.069	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.280%			
21) 2-Butanone-d5	7.080	46	45215	34.019	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.040%			
24) Chloroform-d	7.653	84	212546	26.150	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	8.311	65	124417	25.984	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.920%			
32) Benzene-d6	8.281	84	415212	27.059	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.240%			
36) 1,2-Dichloropropane-d6	9.274	67	123668	27.172	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.680%			
41) Toluene-d8	10.329	98	383268	26.647	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.600%			
43) trans-1,3-Dichloroprop...	10.579	79	52769	25.205	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.800%			
47) 2-Hexanone-d5	10.927	63	33183	35.688	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.380%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98647	22.031	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.120%			
66) 1,2-Dichlorobenzene-d4	13.853	152	123515	26.724	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	2723	0.890	ug/L	98
3) Chloromethane	2.215	50	4500	1.093	ug/L	98
5) Vinyl chloride	2.373	62	7227	1.122	ug/L #	47
6) Bromomethane	2.788	94	4469	0.990	ug/L	94
8) Chloroethane	2.940	64	4205	1.070	ug/L	96
9) Trichlorofluoromethane	3.269	101	2883	0.767	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5679m	1.343	ug/L	
12) 1,1-Dichloroethene	4.038	96	5098	1.273	ug/L #	1
14) Carbon disulfide	4.397	76	12324	0.943	ug/L	98
15) Methyl Acetate	4.678	43	1772m	0.805	ug/L	
16) Methylene chloride	4.922	84	10297	1.981	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	4051	0.960	ug/L	90
18) Methyl tert-butyl Ether	5.434	73	4224	0.802	ug/L #	90
19) 1,1-Dichloroethane	6.226	63	7442	0.986	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	4003	0.919	ug/L	83
23) Bromochloromethane	7.513	128	2018m	1.001	ug/L	
25) Chloroform	7.683	83	9545	1.204	ug/L	91
27) 1,2-Dichloroethane	8.403	62	5694	1.027	ug/L	99
29) Cyclohexane	7.958	56	4637	0.732	ug/L #	65

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.878	97	6497	0.986	ug/L		99
31) Carbon tetrachloride	8.080	117	5834	0.949	ug/L		96
33) Benzene	8.330	78	17166	1.014	ug/L		100
34) Trichloroethene	9.092	95	4326	0.965	ug/L		86
35) Methylcyclohexane	9.342	83	5881	0.778	ug/L	#	86
37) 1,2-Dichloropropane	9.372	63	4183	1.021	ug/L	#	96
38) Bromodichloromethane	9.646	83	5847	1.058	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	5628	0.910	ug/L		93
42) Toluene	10.390	91	23575	1.305	ug/L		97
45) 1,1,2-Trichloroethane	10.793	97	3128	0.954	ug/L		95
46) Tetrachloroethene	10.866	164	3446	0.993	ug/L		89
48) 2-Hexanone	10.969	43	2868	1.369	ug/L	#	90
49) Dibromochloromethane	11.128	129	3383	0.898	ug/L		92
50) 1,2-Dibromoethane	11.231	107	2859	0.887	ug/L	#	96
51) Chlorobenzene	11.658	112	12114	1.035	ug/L		90
52) Ethylbenzene	11.731	91	16782	0.851	ug/L		93
53) m,p-Xylene	11.841	106	6213	0.828	ug/L		96
54) o-Xylene	12.164	106	5010	0.707	ug/L		95
55) Styrene	12.182	104	8135	0.668	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4227	0.984	ug/L	#	86
59) Bromoform	12.353	173	1812	0.883	ug/L		95
60) Isopropylbenzene	12.463	105	13270	0.738	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	2768	0.873	ug/L	#	89
62) 1,3,5-Trimethylbenzene	12.945	105	10401	0.711	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	10209	0.710	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	7547	0.912	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	8476	1.005	ug/L		93
67) 1,2-Dichlorobenzene	13.871	146	7959	1.056	ug/L	#	90
69) 1,3,5-Trichlorobenzene	14.627	180	5090	0.890	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	3837	0.856	ug/L		98
71) Naphthalene	15.365	128	5923	0.619	ug/L		99
72) 1,2,3-Trichlorobenzene	15.560	180	3483	0.828	ug/L		95

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

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