Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031525.D
Acq On : 26 Dec 2024 13:41
Operator : SY/MD
Sample : MDL5
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 00:24:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 27 00:21:46 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL5

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	521918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	455751	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	223633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	147327	18.761	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.040%			
7) Chloroethane-d5	2.893	69	125311	21.572	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.280%			
11) 1,1-Dichloroethene-d2	4.015	65	64739	17.380	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.520%			
21) 2-Butanone-d5	7.100	46	68260	46.156	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.320%			
24) Chloroform-d	7.648	84	296293	20.720	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.880%			
26) 1,2-Dichloroethane-d4	8.301	65	159822	22.254	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.000%			
32) Benzene-d6	8.276	84	574313	19.661	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.640%			
36) 1,2-Dichloropropane-d6	9.270	67	176564	20.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.960%			
41) Toluene-d8	10.319	98	526314	19.368	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.480%			
43) trans-1,3-Dichloroprop...	10.575	79	67096	17.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 68.360%			
47) 2-Hexanone-d5	10.922	63	51891	45.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130821	24.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	182408	21.971	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	3666	0.777	ug/L #	81
3) Chloromethane	2.216	50	7012	1.323	ug/L	95
5) Vinyl chloride	2.369	62	9706m	1.322	ug/L	
6) Bromomethane	2.789	94	5777	1.280	ug/L	87
8) Chloroethane	2.936	64	5662	1.296	ug/L	97
9) Trichlorofluoromethane	3.265	101	9179	1.173	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9735m	1.541	ug/L	
12) 1,1-Dichloroethene	4.045	96	8723	1.363	ug/L #	1
14) Carbon disulfide	4.381	76	18921	0.907	ug/L #	94
15) Methyl Acetate	4.710	43	4500m	1.924	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	7869	1.141	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	12629m	1.095	ug/L	
19) 1,1-Dichloroethane	6.222	63	14157	1.098	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	8631	1.157	ug/L	99
22) 2-Butanone	7.179	43	6966m	2.791	ug/L	
23) Bromochloromethane	7.514	128	3402	1.143	ug/L	84
25) Chloroform	7.673	83	19807	1.557	ug/L	99
27) 1,2-Dichloroethane	8.404	62	9199	1.150	ug/L	100
29) Cyclohexane	7.959	56	13512	1.093	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	12291	1.043	ug/L		96
31) Carbon tetrachloride	8.069	117	10129	0.965	ug/L		95
33) Benzene	8.319	78	33100	1.175	ug/L		100
34) Trichloroethene	9.093	95	9278	1.167	ug/L		93
35) Methylcyclohexane	9.331	83	14647	1.058	ug/L		98
37) 1,2-Dichloropropane	9.368	63	7982	1.136	ug/L		98
38) Bromodichloromethane	9.642	83	9391	1.028	ug/L		85
39) cis-1,3-Dichloropropene	10.075	75	11686	0.984	ug/L		96
40) 4-Methyl-2-pentanone	10.209	43	8777	2.355	ug/L		97
42) Toluene	10.386	91	35507	1.158	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	11985	1.236	ug/L		89
45) 1,1,2-Trichloroethane	10.788	97	5531	1.184	ug/L		97
46) Tetrachloroethene	10.861	164	6666	1.145	ug/L		96
48) 2-Hexanone	10.971	43	4597	1.450	ug/L	#	91
49) Dibromochloromethane	11.123	129	5488	0.991	ug/L		99
50) 1,2-Dibromoethane	11.233	107	5085	1.149	ug/L	#	97
51) Chlorobenzene	11.654	112	21573	1.122	ug/L		94
52) Ethylbenzene	11.727	91	39303	1.106	ug/L		99
53) m,p-Xylene	11.837	106	14687	1.086	ug/L		99
54) o-Xylene	12.160	106	13749	1.078	ug/L		97
55) Styrene	12.178	104	21900	1.033	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.714	83	6382	1.267	ug/L	#	98
59) Bromoform	12.343	173	2599	0.827	ug/L		94
60) Isopropylbenzene	12.458	105	37810	1.033	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	4392	1.148	ug/L		92
62) 1,3,5-Trimethylbenzene	12.940	105	29724	0.958	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	29250	0.975	ug/L		94
64) 1,3-Dichlorobenzene	13.495	146	16532	1.115	ug/L		89
65) 1,4-Dichlorobenzene	13.574	146	17286	1.177	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	15472	1.211	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.470	75	1050	1.081	ug/L	#	78
69) 1,3,5-Trichlorobenzene	14.617	180	11506	1.108	ug/L		98
70) 1,2,4-trichlorobenzene	15.123	180	9816	1.136	ug/L		99
71) Naphthalene	15.354	128	16387	1.082	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	8010	1.151	ug/L		93

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

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