Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
Data File : VW031419.D
Acq On : 20 Dec 2024 11:48
Operator : SY/MD
Sample : MDL03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 20 22:35:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 20 21:58:26 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL03

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	552550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	242953	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	150243	18.072	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.280%			
7) Chloroethane-d5	2.899	69	128836	20.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.800%			
11) 1,1-Dichloroethene-d2	4.015	65	65284	16.554	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.200%			
21) 2-Butanone-d5	7.100	46	72966	46.603	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.200%			
24) Chloroform-d	7.648	84	293344	19.376	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.520%			
26) 1,2-Dichloroethane-d4	8.307	65	169794	22.332	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.320%			
32) Benzene-d6	8.270	84	592377	18.878	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.520%			
36) 1,2-Dichloropropane-d6	9.270	67	180003	19.682	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 78.720%			
41) Toluene-d8	10.319	98	539363	18.476	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.920%			
43) trans-1,3-Dichloroprop...	10.575	79	71073	16.854	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 67.400%			
47) 2-Hexanone-d5	10.922	63	56763	46.153	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.300%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140372	24.446	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	186543	20.682	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	4274m	0.856	ug/L	
3) Chloromethane	2.216	50	7054	1.257	ug/L	100
5) Vinyl chloride	2.369	62	8449	1.087	ug/L #	64
6) Bromomethane	2.789	94	5717	1.196	ug/L	99
8) Chloroethane	2.930	64	5985m	1.294	ug/L	
9) Trichlorofluoromethane	3.259	101	8454	1.021	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	9699m	1.450	ug/L	
12) 1,1-Dichloroethene	4.039	96	9080m	1.340	ug/L	
14) Carbon disulfide	4.381	76	18181	0.823	ug/L	100
15) Methyl Acetate	4.692	43	4789m	1.934	ug/L	
17) trans-1,2-Dichloroethene	5.435	96	8178	1.120	ug/L	90
18) Methyl tert-butyl Ether	5.435	73	14359m	1.176	ug/L	
19) 1,1-Dichloroethane	6.210	63	14852	1.089	ug/L	94
20) cis-1,2-Dichloroethene	7.167	96	9422m	1.193	ug/L	
22) 2-Butanone	7.203	43	6995m	2.648	ug/L	
23) Bromochloromethane	7.514	128	3978	1.263	ug/L	92
25) Chloroform	7.673	83	23271	1.728	ug/L	95
27) 1,2-Dichloroethane	8.404	62	11001	1.299	ug/L	98
29) Cyclohexane	7.953	56	12146	0.915	ug/L	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.874	97	12245	0.968 ug/L	98
31) Carbon tetrachloride	8.069	117	10154	0.901 ug/L	91
33) Benzene	8.325	78	34762	1.149 ug/L	100
34) Trichloroethene	9.087	95	8955	1.048 ug/L	96
35) Methylcyclohexane	9.331	83	14722	0.990 ug/L	96
37) 1,2-Dichloropropane	9.368	63	8653	1.146 ug/L	98
38) Bromodichloromethane	9.642	83	9728	0.991 ug/L #	92
39) cis-1,3-Dichloropropene	10.069	75	12871	1.009 ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	11085	2.768 ug/L	92
42) Toluene	10.386	91	36072	1.095 ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	13081	1.256 ug/L	90
45) 1,1,2-Trichloroethane	10.782	97	6276	1.250 ug/L	94
46) Tetrachloroethene	10.861	164	6670	1.066 ug/L	95
48) 2-Hexanone	10.971	43	6051	1.777 ug/L #	90
49) Dibromochloromethane	11.129	129	5697	0.957 ug/L	91
50) 1,2-Dibromoethane	11.233	107	5699	1.198 ug/L #	95
51) Chlorobenzene	11.654	112	23370	1.132 ug/L	94
52) Ethylbenzene	11.727	91	40184	1.053 ug/L	98
53) m,p-Xylene	11.837	106	15284	1.052 ug/L	97
54) o-Xylene	12.160	106	14551	1.062 ug/L	98
55) Styrene	12.178	104	23851	1.047 ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.715	83	7737	1.430 ug/L #	92
59) Bromoform	12.349	173	3043	0.892 ug/L #	97
60) Isopropylbenzene	12.459	105	38980	0.980 ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	5325	1.281 ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	32344	0.960 ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	30956	0.950 ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	17937	1.114 ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	18334	1.149 ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	15907	1.146 ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	1619	1.535 ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	11684	1.036 ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	10040	1.070 ug/L	98
71) Naphthalene	15.360	128	19025	1.156 ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	9062	1.198 ug/L	99

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

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