Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
Data File : VW030519.D
Acq On : 10 Oct 2024 18:41
Operator : SY/MD
Sample : P4346-09MSD
Misc : 4.21g/10mL/MSVOA_W/SOIL/B
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 11 01:25:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 11 01:19:48 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EOAW9MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/15/2024
Supervised By :Semsettin Yesilyurt 10/15/2024

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	62132	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	68951	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	31404	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.363	65	19879	20.355 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.400%		
7) Chloroethane-d5	2.893	69	19410	26.256 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.040%		
11) 1,1-Dichloroethene-d2	4.027	65	8541	21.027 ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.120%		
21) 2-Butanone-d5	7.081	46	20774	118.199 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 236.400%#		
24) Chloroform-d	7.654	84	56908	32.027 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 128.120%		
26) 1,2-Dichloroethane-d4	8.307	65	43990m	47.610 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 190.440%#		
32) Benzene-d6	8.282	84	95439	23.848 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.400%		
36) 1,2-Dichloropropane-d6	9.276	67	35930	30.589 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.360%#		
41) Toluene-d8	10.325	98	80162	21.942 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.760%		
43) trans-1,3-Dichloroprop...	10.575	79	16239	33.016 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 132.080%		
47) 2-Hexanone-d5	10.922	63	14283	94.410 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 188.820%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	39822	46.164 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 184.640%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	31596	29.735 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.960%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.009	85	5771	7.270 ug/L #	88
3) Chloromethane	2.222	50	15818	17.145 ug/L	95
5) Vinyl chloride	2.369	62	13780	12.145 ug/L	98
6) Bromomethane	2.789	94	4119	5.516 ug/L	84
8) Chloroethane	2.936	64	9482	13.671 ug/L	96
9) Trichlorofluoromethane	3.265	101	2980	2.935 ug/L	95
12) 1,1-Dichloroethene	4.045	96	2932	3.517 ug/L #	1
13) Acetone	4.137	43	9059m	35.207 ug/L	
14) Carbon disulfide	4.387	76	2163	0.795 ug/L #	84
15) Methyl Acetate	4.679	43	5677	17.861 ug/L #	74
16) Methylene chloride	4.917	84	13234m	14.089 ug/L	
17) trans-1,2-Dichloroethene	5.441	96	3537m	3.932 ug/L	
18) Methyl tert-butyl Ether	5.429	73	23158	18.395 ug/L #	87
19) 1,1-Dichloroethane	6.216	63	11814	7.067 ug/L	95
20) cis-1,2-Dichloroethene	7.179	96	4945	5.154 ug/L	96
22) 2-Butanone	7.173	43	9020	32.521 ug/L	81
23) Bromochloromethane	7.526	128	4377	10.428 ug/L	95
25) Chloroform	7.679	83	10220	5.721 ug/L	90
27) 1,2-Dichloroethane	8.404	62	10426	8.846 ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) 1,1,1-Trichloroethane	7.880	97	2258	1.234	ug/L	#	73
33) Benzene	8.325	78	12408	2.765	ug/L		100
34) Trichloroethene	9.093	95	689	0.552	ug/L	#	69
37) 1,2-Dichloropropane	9.367	63	4637	4.138	ug/L		100
38) Bromodichloromethane	9.648	83	1866	1.252	ug/L	#	95
39) cis-1,3-Dichloropropene	10.081	75	1677	0.992	ug/L		90
40) 4-Methyl-2-pentanone	10.215	43	9323	17.317	ug/L		97
42) Toluene	10.386	91	1824	0.381	ug/L		96
44) trans-1,3-Dichloropropene	10.599	75	1413	0.995	ug/L		96
45) 1,1,2-Trichloroethane	10.794	97	3237	3.997	ug/L	#	89
48) 2-Hexanone	10.965	43	5733	13.022	ug/L		95
49) Dibromochloromethane	11.123	129	587	0.650	ug/L		83
50) 1,2-Dibromoethane	11.233	107	2062	2.728	ug/L	#	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	1274	1.395	ug/L	#	89
61) 1,2,3-Trichloropropane	12.769	75	1247	2.041	ug/L	#	70

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

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