Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
Data File : VW031636.D
Acq On : 29 Jan 2025 13:06
Operator : SY/MD
Sample : Q1189-22DL 4X
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44X0DL

Quant Time: Jan 30 07:30:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	595037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	518567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	251191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	144580	15.484	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.920%			
7) Chloroethane-d5	2.893	69	116525	17.475	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.880%			
11) 1,1-Dichloroethene-d2	4.015	65	76698	18.462	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.840%			
21) 2-Butanone-d5	7.087	46	91429	60.913	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.820%			
24) Chloroform-d	7.642	84	362751	23.556	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.240%			
26) 1,2-Dichloroethane-d4	8.301	65	192171	25.354	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	8.270	84	732421	22.485	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.960%			
36) 1,2-Dichloropropane-d6	9.270	67	225522	23.449	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.800%			
41) Toluene-d8	10.319	98	657393	22.357	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.440%			
43) trans-1,3-Dichloroprop...	10.575	79	92697	23.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.880%			
47) 2-Hexanone-d5	10.922	63	63503	64.702	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.400%			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	174747	29.712	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	210808	23.928	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.720%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.039	96	104155	13.154	ug/L #	79
13) Acetone	4.155	43	11549	9.998	ug/L #	63
16) Methylene chloride	4.917	84	93980	11.597	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	93368	10.979	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	87776	6.437	ug/L	99
19) 1,1-Dichloroethane	6.216	63	168135	10.508	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	200041	22.031	ug/L	96
22) 2-Butanone	7.179	43	126798	64.269	ug/L	100
25) Chloroform	7.673	83	277788	18.253	ug/L	97
27) 1,2-Dichloroethane	8.398	62	65124	6.948	ug/L	97
31) Carbon tetrachloride	8.069	117	119151	9.983	ug/L	100
33) Benzene	8.319	78	343956	9.691	ug/L	100
34) Trichloroethene	9.087	95	87784	9.200	ug/L	98
37) 1,2-Dichloropropane	9.361	63	32304	3.621	ug/L	100
38) Bromodichloromethane	9.642	83	200738	18.604	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	273519	19.492	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	122111	27.425	ug/L	99
42) Toluene	10.386	91	304127	8.198	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	132200	11.786	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	41691	7.292	ug/L	93
46) Tetrachloroethene	10.861	164	82534	12.053	ug/L	89
48) 2-Hexanone	10.965	43	98898	36.347	ug/L	99
49) Dibromochloromethane	11.123	129	137774	21.900	ug/L	95
50) 1,2-Dibromoethane	11.233	107	101001	19.060	ug/L	99
51) Chlorobenzene	11.654	112	96673	4.220	ug/L	99
52) Ethylbenzene	11.727	91	436076	10.244	ug/L	100
53) m,p-Xylene	11.837	106	323069	19.905	ug/L	95
54) o-Xylene	12.160	106	138326	9.170	ug/L	100
55) Styrene	12.178	104	367014	14.623	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	56952	9.065	ug/L	99
59) Bromoform	12.349	173	19848	5.930	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	73332	15.546	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	351892	20.219	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	242668	14.098	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	105152	7.075	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10874	10.311	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	57522	6.123	ug/L	98

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

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