Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
Data File : VW027750.D
Acq On : 19 Dec 2023 00:09
Operator : SY/MD
Sample : 05891-06MSD
Misc : 4.90g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 19 00:50:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DCLR2MSD

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
12/19/2023
Supervised By :Semsettin Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	566589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	497874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	257487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	153708	19.156	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.640%			
7) Chloroethane-d5	2.899	69	129572	20.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.960%			
11) 1,1-Dichloroethene-d2	4.021	65	65668	20.434	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.720%			
21) 2-Butanone-d5	7.081	46	62490	45.734	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.460%			
24) Chloroform-d	7.648	84	312318	23.165	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.680%			
26) 1,2-Dichloroethane-d4	8.307	65	144520	22.830	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.320%			
32) Benzene-d6	8.276	84	651418	22.387	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.560%			
36) 1,2-Dichloropropane-d6	9.270	67	189405	22.976	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.920%			
41) Toluene-d8	10.319	98	615227	22.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.160%			
43) trans-1,3-Dichloroprop...	10.575	79	75198	23.561	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.240%			
47) 2-Hexanone-d5	10.922	63	60072	50.005	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151108	24.239	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.960%			
66) 1,2-Dichlorobenzene-d4	13.849	152	212294	23.033	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	121671	18.450	ug/L	90
3) Chloromethane	2.223	50	156571	20.157	ug/L	98
5) Vinyl chloride	2.375	62	187888	20.332	ug/L	98
6) Bromomethane	2.796	94	127434	21.666	ug/L	96
8) Chloroethane	2.936	64	115903	20.978	ug/L	99
9) Trichlorofluoromethane	3.271	101	175980	21.085	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	151243m	21.333	ug/L	
12) 1,1-Dichloroethene	4.045	96	157732	22.727	ug/L	93
13) Acetone	4.149	43	32385	26.109	ug/L	93
14) Carbon disulfide	4.387	76	492117	21.107	ug/L	99
15) Methyl Acetate	4.679	43	48279	21.544	ug/L	98
16) Methylene chloride	4.917	84	162703	18.314	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	163181	22.235	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	224870	23.176	ug/L	99
19) 1,1-Dichloroethane	6.222	63	276184	22.131	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	178184	23.064	ug/L	96
22) 2-Butanone	7.179	43	57887	35.144	ug/L	98
23) Bromochloromethane	7.514	128	78402	24.033	ug/L	97
25) Chloroform	7.673	83	278278	22.642	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165492	22.967	ug/L		99
29) Cyclohexane	7.959	56	244637	20.767	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	235360	22.631	ug/L		99
31) Carbon tetrachloride	8.075	117	207936	22.719	ug/L		98
33) Benzene	8.325	78	642259	22.253	ug/L		100
34) Trichloroethene	9.093	95	171957	21.858	ug/L		96
35) Methylcyclohexane	9.331	83	302308	21.305	ug/L		98
37) 1,2-Dichloropropane	9.368	63	155797	22.362	ug/L		100
38) Bromodichloromethane	9.642	83	198535	23.445	ug/L	#	99
39) cis-1,3-Dichloropropene	10.069	75	251572	23.691	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	138577	45.509	ug/L		99
42) Toluene	10.386	91	709316	22.841	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	197081	23.568	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	119302	23.129	ug/L		97
46) Tetrachloroethene	10.861	164	139519	22.209	ug/L		93
48) 2-Hexanone	10.965	43	93234	41.136	ug/L		98
49) Dibromochloromethane	11.130	129	128103	23.746	ug/L		100
50) 1,2-Dibromoethane	11.233	107	113502	23.155	ug/L		90
51) Chlorobenzene	11.654	112	447843	22.573	ug/L		95
52) Ethylbenzene	11.727	91	786447	22.474	ug/L		100
53) m,p-Xylene	11.837	106	305073	22.697	ug/L		100
54) o-Xylene	12.160	106	296405	23.682	ug/L		98
55) Styrene	12.178	104	480593	22.778	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.708	83	134341	22.848	ug/L		97
59) Bromoform	12.349	173	74795	23.731	ug/L		97
60) Isopropylbenzene	12.459	105	805023	22.152	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	92687	21.598	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	648375	22.319	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	643551	22.505	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	333626	21.245	ug/L		92
65) 1,4-Dichlorobenzene	13.574	146	357310	22.652	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	306905	22.475	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.483	75	18858	21.997	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.623	180	234675	21.477	ug/L		96
70) 1,2,4-trichlorobenzene	15.123	180	191066	21.293	ug/L		93
71) Naphthalene	15.360	128	368575	23.179	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	174487	23.257	ug/L		93

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

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