Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026443.D
Acq On : 29 Jun 2023 19:38
Operator : SY/MD
Sample : 03421-23MSD
Misc : 5.47g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46K6MSD

Quant Time: Jun 30 01:21:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 30 01:16:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	932966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	686900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	202974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	304055	28.623	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.480%			
7) Chloroethane-d5	2.893	69	234978	27.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.680%			
11) 1,1-Dichloroethene-d2	4.021	65	148880	28.011	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 112.040%#			
21) 2-Butanone-d5	7.075	46	221921	55.279	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.560%			
24) Chloroform-d	7.648	84	590241	25.955	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.840%			
26) 1,2-Dichloroethane-d4	8.307	65	320609	25.793	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.160%			
32) Benzene-d6	8.276	84	1198226	29.994	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.960%			
36) 1,2-Dichloropropane-d6	9.276	67	384616	30.207	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.840%#			
41) Toluene-d8	10.325	98	978487	27.728	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.920%			
43) trans-1,3-Dichloroprop...	10.575	79	139869	27.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.000%			
47) 2-Hexanone-d5	10.922	63	150330	70.600	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.200%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	257514	26.194	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	165632	23.435	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	234447	25.752	ug/L #	82
3) Chloromethane	2.228	50	361769	28.190	ug/L	98
5) Vinyl chloride	2.375	62	355443	26.874	ug/L	99
6) Bromomethane	2.783	94	186426	24.785	ug/L	96
8) Chloroethane	2.930	64	209376	26.101	ug/L	100
9) Trichlorofluoromethane	3.265	101	270555	28.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	244002	22.858	ug/L	98
12) 1,1-Dichloroethene	4.045	96	274487	26.272	ug/L	99
13) Acetone	4.118	43	439137	154.846	ug/L	98
14) Carbon disulfide	4.393	76	834999	24.695	ug/L	100
15) Methyl Acetate	4.673	43	180998	29.393	ug/L	100
16) Methylene chloride	4.917	84	310365	19.687	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	292346	26.012	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	523110	28.481	ug/L	99
19) 1,1-Dichloroethane	6.216	63	605011	26.753	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	323626	25.422	ug/L	98
22) 2-Butanone	7.167	43	370895	79.770	ug/L	98
23) Bromochloromethane	7.514	128	134912	25.482	ug/L	93
25) Chloroform	7.679	83	540674	24.633	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	375805	25.040	ug/L		100
29) Cyclohexane	7.953	56	397875	20.432	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	421027	28.773	ug/L		99
31) Carbon tetrachloride	8.069	117	332184	25.215	ug/L		100
33) Benzene	8.325	78	1237797	28.776	ug/L		100
34) Trichloroethene	9.093	95	292920	26.732	ug/L		95
35) Methylcyclohexane	9.337	83	260933	13.367	ug/L		99
37) 1,2-Dichloropropane	9.367	63	330633	28.954	ug/L		100
38) Bromodichloromethane	9.642	83	349157	27.242	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	475196	27.803	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	532210	67.880	ug/L		100
42) Toluene	10.386	91	1161595	26.395	ug/L		100
44) trans-1,3-Dichloropropene	10.605	75	377989	27.060	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	220822	28.388	ug/L		96
46) Tetrachloroethene	10.861	164	157906	20.383	ug/L		91
48) 2-Hexanone	10.965	43	354337	67.331	ug/L		97
49) Dibromochloromethane	11.123	129	205248	26.491	ug/L		97
50) 1,2-Dibromoethane	11.233	107	203877	28.503	ug/L		96
51) Chlorobenzene	11.654	112	634723	23.310	ug/L		98
52) Ethylbenzene	11.727	91	1104995	22.313	ug/L		100
53) m,p-Xylene	11.837	106	384640	20.946	ug/L		96
54) o-Xylene	12.166	106	370612	21.761	ug/L		90
55) Styrene	12.178	104	618431	21.273	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	246207	25.921	ug/L		99
59) Bromoform	12.349	173	108191	40.256	ug/L		99
60) Isopropylbenzene	12.458	105	832020	28.104	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	193414	43.597	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	587136	24.940	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	583045	25.351	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	290632	23.398	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	293812	23.783	ug/L		98
67) 1,2-Dichlorobenzene	13.861	146	253242	22.529	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	37234	36.626	ug/L		88
69) 1,3,5-Trichlorobenzene	14.623	180	99925	11.817	ug/L		93
70) 1,2,4-trichlorobenzene	15.123	180	88273	12.062	ug/L	#	94
71) Naphthalene	15.360	128	308249	20.663	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	73874	11.738	ug/L		97

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

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