Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
Data File : VW026691.D
Acq On : 10 Aug 2023 20:56
Operator : SY/MD
Sample : 03967-03MSD
Misc : 4.86g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A48K2MSD

Quant Time: Aug 11 02:04:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 11 02:00:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	649991	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	544692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	185042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	276585	25.885	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.520%			
7) Chloroethane-d5	2.893	69	207659	26.136	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.560%			
11) 1,1-Dichloroethene-d2	4.027	65	128140	24.383	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.520%			
21) 2-Butanone-d5	7.081	46	94108	30.643	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.280%			
24) Chloroform-d	7.648	84	581495	26.655	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.640%			
26) 1,2-Dichloroethane-d4	8.307	65	331416	27.529	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.120%			
32) Benzene-d6	8.276	84	1153703	30.733	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 122.920%			
36) 1,2-Dichloropropane-d6	9.270	67	365966	31.297	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 125.200%#			
41) Toluene-d8	10.319	98	947223	29.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 117.560%			
43) trans-1,3-Dichloroprop...	10.575	79	101906	21.107	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.440%			
47) 2-Hexanone-d5	10.922	63	41857	34.066	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.140%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	241895	26.195	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.760%			
66) 1,2-Dichlorobenzene-d4	13.849	152	159932	24.148	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	193869	21.937	ug/L #	86
3) Chloromethane	2.229	50	264056	21.851	ug/L	100
5) Vinyl chloride	2.375	62	269889	23.363	ug/L	96
6) Bromomethane	2.783	94	93264	13.857	ug/L	97
8) Chloroethane	2.930	64	160562	23.196	ug/L	95
9) Trichlorofluoromethane	3.259	101	212861	22.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	214312	20.928	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	216443	22.529	ug/L	88
13) Acetone	4.125	43	99807	32.685	ug/L	96
14) Carbon disulfide	4.393	76	518166	14.992	ug/L	100
15) Methyl Acetate	4.667	43	84344	13.789	ug/L	98
16) Methylene chloride	4.923	84	249318	19.829	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	238202	22.219	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	426655	26.302	ug/L	100
19) 1,1-Dichloroethane	6.216	63	520398	23.585	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	261911	22.729	ug/L	99
22) 2-Butanone	7.173	43	208448	46.321	ug/L	92
23) Bromochloromethane	7.514	128	121867	24.482	ug/L	96
25) Chloroform	7.679	83	493603	23.156	ug/L	96

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	356910	24.000	ug/L		100
29) Cyclohexane	7.959	56	367703	21.829	ug/L		100
30) 1,1,1-Trichloroethane	7.868	97	367455	25.849	ug/L		100
31) Carbon tetrachloride	8.069	117	320961	24.694	ug/L		96
33) Benzene	8.325	78	1067817	26.920	ug/L		100
34) Trichloroethene	9.093	95	249952	24.742	ug/L		97
35) Methylcyclohexane	9.337	83	263689	15.257	ug/L		99
37) 1,2-Dichloropropane	9.368	63	296127	27.256	ug/L		99
38) Bromodichloromethane	9.642	83	327407	25.688	ug/L		100
39) cis-1,3-Dichloropropene	10.069	75	264180	16.902	ug/L		95
40) 4-Methyl-2-pentanone	10.209	43	373954	52.914	ug/L		99
42) Toluene	10.386	91	1017406	25.355	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	243563	18.104	ug/L		96
45) 1,1,2-Trichloroethane	10.788	97	195614	26.326	ug/L		98
46) Tetrachloroethene	10.861	164	154612	21.066	ug/L		90
48) 2-Hexanone	10.965	43	219772	45.701	ug/L		95
49) Dibromochloromethane	11.130	129	190615	24.527	ug/L		95
50) 1,2-Dibromoethane	11.233	107	158521	22.736	ug/L		98
51) Chlorobenzene	11.654	112	560495	22.114	ug/L		98
52) Ethylbenzene	11.727	91	988719	21.973	ug/L		95
53) m,p-Xylene	11.837	106	363910	21.830	ug/L		89
54) o-Xylene	12.166	106	341748	21.966	ug/L		98
55) Styrene	12.178	104	432275	15.980	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.709	83	209337	22.245	ug/L		98
59) Bromoform	12.349	173	94225	32.506	ug/L		96
60) Isopropylbenzene	12.459	105	810987	29.478	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	173441	38.641	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	556961	25.613	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	553471	25.974	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	257985	21.562	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	263179	21.077	ug/L		95
67) 1,2-Dichlorobenzene	13.867	146	225868	20.760	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31356	28.977	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.623	180	87903	10.875	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	59629	8.701	ug/L		98
71) Naphthalene	15.360	128	144723	11.070	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	44060	7.128	ug/L		94

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

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