Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077530.D
Acq On : 09 Nov 2023 11:59
Operator : JC/SY
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025203

Quant Time: Nov 10 00:34:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:25:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	354567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	324165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	152545	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	209562	23.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.920%			
7) Chloroethane-d5	2.805	69	170766	24.100	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	3.922	65	62960	22.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.280%			
21) 2-Butanone-d5	6.993	46	84070	53.835	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.680%			
24) Chloroform-d	7.569	84	260625	25.445	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.800%			
26) 1,2-Dichloroethane-d4	8.234	65	142847	26.219	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.880%			
32) Benzene-d6	8.205	84	529805	25.182	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.720%			
36) 1,2-Dichloropropane-d6	9.210	67	173537	25.322	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.280%			
41) Toluene-d8	10.269	98	478430	25.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.640%			
43) trans-1,3-Dichloroprop...	10.528	79	75565	25.573	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.280%			
47) 2-Hexanone-d5	10.875	63	67627	55.163	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.320%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	120384	26.513	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.040%			
66) 1,2-Dichlorobenzene-d4	13.816	152	142595	26.276	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	137978	24.163	ug/L	99
3) Chloromethane	2.152	50	209948	25.556	ug/L	97
5) Vinyl chloride	2.287	62	229006	24.697	ug/L	96
6) Bromomethane	2.699	94	131942	26.727	ug/L	100
8) Chloroethane	2.840	64	143428	24.881	ug/L	92
9) Trichlorofluoromethane	3.175	101	205876	24.397	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	125831	24.231	ug/L	99
12) 1,1-Dichloroethene	3.946	96	120179	23.835	ug/L	98
13) Acetone	4.022	43	85951	52.362	ug/L	99
14) Carbon disulfide	4.275	76	443919	24.450	ug/L	99
15) Methyl Acetate	4.564	43	70627	26.154	ug/L	98
16) Methylene chloride	4.805	84	136659	22.828	ug/L	99
17) trans-1,2-Dichloroethene	5.322	96	129015	24.324	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	314710	25.280	ug/L	99
19) 1,1-Dichloroethane	6.116	63	263131	24.726	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	143509	24.904	ug/L	99
22) 2-Butanone	7.081	43	100295	50.781	ug/L	94
23) Bromochloromethane	7.428	128	59847	25.847	ug/L	96
25) Chloroform	7.599	83	245066	25.068	ug/L	99

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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	8.328	62	162257	25.038	ug/L	99
29) Cyclohexane	7.881	56	251362	23.882	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	207189	24.415	ug/L	99
31) Carbon tetrachloride	7.993	117	178270	24.444	ug/L	98
33) Benzene	8.252	78	561117	24.961	ug/L	100
34) Trichloroethene	9.028	95	138207	24.812	ug/L	95
35) Methylcyclohexane	9.275	83	239109	23.788	ug/L	100
37) 1,2-Dichloropropane	9.304	63	154301	24.691	ug/L	100
38) Bromodichloromethane	9.587	83	180486	25.179	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	237828	24.766	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	197243	51.793	ug/L	99
42) Toluene	10.334	91	585619	24.813	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	200259	25.238	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	95938	25.115	ug/L	99
46) Tetrachloroethene	10.810	164	100511	24.524	ug/L	94
48) 2-Hexanone	10.922	43	153900	50.984	ug/L	98
49) Dibromochloromethane	11.075	129	108537	25.013	ug/L	100
50) 1,2-Dibromoethane	11.181	107	91712	25.106	ug/L	98
51) Chlorobenzene	11.610	112	349167	25.253	ug/L	98
52) Ethylbenzene	11.687	91	647734	24.942	ug/L	97
53) m,p-Xylene	11.793	106	235968	24.970	ug/L	98
54) o-Xylene	12.122	106	227192	25.102	ug/L	94
55) Styrene	12.134	104	395364	25.018	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	116764	25.947	ug/L	97
59) Bromoform	12.304	173	67590	25.988	ug/L	99
60) Isopropylbenzene	12.422	105	617066	25.008	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	81643	25.126	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	464651	24.812	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	475361	25.059	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	249459	24.643	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	251538	24.622	ug/L	94
67) 1,2-Dichlorobenzene	13.834	146	219711	24.550	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	17846	25.250	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	171404	24.868	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	144419	24.861	ug/L	99
71) Naphthalene	15.334	128	283409	25.887	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	125807	25.399	ug/L	98

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

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