Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032923\
Data File : VD075530.D
Acq On : 29 Mar 2023 12:41
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

Quant Time: Mar 29 23:29:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 24 01:27:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	275582	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254368	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	120616	17.627	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.520%			
7) Chloroethane-d5	2.805	69	129847	21.928	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.720%			
11) 1,1-Dichloroethene-d2	3.922	63	131148	20.519	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.080%			
21) 2-Butanone-d5	6.993	46	34719	54.753	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.500%			
24) Chloroform-d	7.569	84	194881	26.984	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.920%			
26) 1,2-Dichloroethane-d4	8.228	65	81222	25.960	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.840%			
32) Benzene-d6	8.205	84	353654	23.411	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.640%			
36) 1,2-Dichloropropane-d6	9.210	67	105924	24.809	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.240%			
41) Toluene-d8	10.269	98	329629	23.919	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.680%			
43) trans-1,3-Dichloroprop...	10.528	79	46396	26.592	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.360%			
47) 2-Hexanone-d5	10.881	63	34642	56.242	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.480%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105137	29.438	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.760%			
66) 1,2-Dichlorobenzene-d4	13.822	152	127884	27.301	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	95637	22.557	ug/L	99
3) Chloromethane	2.152	50	123504	17.322	ug/L	99
5) Vinyl chloride	2.287	62	192902	21.513	ug/L	99
6) Bromomethane	2.699	94	128009	30.122	ug/L	98
8) Chloroethane	2.840	64	136486	24.205	ug/L	98
9) Trichlorofluoromethane	3.181	101	168646	25.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	120946	26.082	ug/L	95
12) 1,1-Dichloroethene	3.940	96	99175	24.288	ug/L	92
13) Acetone	4.022	43	34672	48.404	ug/L	98
14) Carbon disulfide	4.275	76	238169	20.860	ug/L	98
15) Methyl Acetate	4.558	43	28647	23.567	ug/L #	75
16) Methylene chloride	4.811	84	126191	21.681	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	107532	24.568	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	214817	26.409	ug/L	96
19) 1,1-Dichloroethane	6.111	63	177068	23.914	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	129036	26.097	ug/L	87
22) 2-Butanone	7.081	43	40121	44.140	ug/L	93
23) Bromochloromethane	7.428	128	58988	27.847	ug/L #	88
25) Chloroform	7.599	83	210013	26.012	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Mar 24 01:27:17 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	106960	24.567	ug/L	#	93
29) Cyclohexane	7.881	56	114601	21.056	ug/L		92
30) 1,1,1-Trichloroethane	7.793	97	180686	26.418	ug/L		97
31) Carbon tetrachloride	7.993	117	148211	27.283	ug/L		100
33) Benzene	8.252	78	447264	24.467	ug/L		100
34) Trichloroethene	9.028	95	118545	24.831	ug/L		95
35) Methylcyclohexane	9.275	83	171272	22.980	ug/L		95
37) 1,2-Dichloropropane	9.304	63	106926	23.803	ug/L		97
38) Bromodichloromethane	9.587	83	155083	26.098	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	170332	24.777	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	84535	49.072	ug/L		98
42) Toluene	10.334	91	513760	25.671	ug/L		98
44) trans-1,3-Dichloropropene	10.557	75	143072	25.260	ug/L		97
45) 1,1,2-Trichloroethane	10.734	97	97638	27.213	ug/L		96
46) Tetrachloroethene	10.810	164	94429	25.813	ug/L		98
48) 2-Hexanone	10.922	43	60627	47.833	ug/L	#	93
49) Dibromochloromethane	11.075	129	112964	28.823	ug/L		99
50) 1,2-Dibromoethane	11.181	107	88836	27.392	ug/L		99
51) Chlorobenzene	11.610	112	336415	25.862	ug/L		98
52) Ethylbenzene	11.687	91	551442	25.910	ug/L		99
53) m,p-Xylene	11.798	106	220793	26.331	ug/L		94
54) o-Xylene	12.122	106	210240	26.505	ug/L		99
55) Styrene	12.134	104	380168	26.985	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	106173	27.038	ug/L		97
59) Bromoform	12.304	173	66324	27.447	ug/L		98
60) Isopropylbenzene	12.422	105	572792	25.432	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	65736	24.488	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	431281	25.508	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	425148	25.717	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	253415	25.435	ug/L		94
65) 1,4-Dichlorobenzene	13.540	146	261967	25.561	ug/L		99
67) 1,2-Dichlorobenzene	13.834	146	231557	26.084	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13134	25.194	ug/L		92
69) 1,3,5-Trichlorobenzene	14.598	180	158941	25.439	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	127211	25.323	ug/L		99
71) Naphthalene	15.339	128	246986	24.789	ug/L		100
72) 1,2,3-Trichlorobenzene	15.528	180	116872	26.394	ug/L		98

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

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