Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100523\
Data File : VD077273.D
Acq On : 05 Oct 2023 11:24
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025201

Quant Time: Oct 06 08:09:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:27:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	260887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	265398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	150539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	110439	16.005	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.040%			
7) Chloroethane-d5	2.805	69	93661	21.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.160%			
11) 1,1-Dichloroethene-d2	3.916	65	32999	16.997	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.000%			
21) 2-Butanone-d5	6.987	46	73732	58.977	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.960%			
24) Chloroform-d	7.563	84	228165	23.193	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.760%			
26) 1,2-Dichloroethane-d4	8.228	65	109124	22.299	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.200%			
32) Benzene-d6	8.199	84	403022	20.906	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.640%			
36) 1,2-Dichloropropane-d6	9.210	67	138459	23.108	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.440%			
41) Toluene-d8	10.269	98	343537	20.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.160%			
43) trans-1,3-Dichloroprop...	10.522	79	52450	21.527	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.120%			
47) 2-Hexanone-d5	10.875	63	57085	59.556	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.120%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	152468	28.162	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.640%			
66) 1,2-Dichlorobenzene-d4	13.816	152	132799	21.399	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	87725	20.677	ug/L	97
3) Chloromethane	2.146	50	111619	20.277	ug/L	98
5) Vinyl chloride	2.281	62	153237	23.375	ug/L	99
6) Bromomethane	2.693	94	73801	18.401	ug/L	91
8) Chloroethane	2.834	64	94201	29.300	ug/L	98
9) Trichlorofluoromethane	3.175	101	181557	26.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	128889	26.603	ug/L	97
12) 1,1-Dichloroethene	3.934	96	101560	25.122	ug/L	94
13) Acetone	4.022	43	75296	58.044	ug/L	99
14) Carbon disulfide	4.269	76	245311	23.269	ug/L	97
15) Methyl Acetate	4.563	43	59365	26.797	ug/L #	82
16) Methylene chloride	4.793	84	165062	25.406	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	112224	24.663	ug/L	99
18) Methyl tert-butyl Ether	5.310	73	285496	26.617	ug/L #	92
19) 1,1-Dichloroethane	6.110	63	226970	26.465	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	141034	25.386	ug/L	97
22) 2-Butanone	7.081	43	95874	57.134	ug/L	99
23) Bromochloromethane	7.422	128	67518	25.667	ug/L	91
25) Chloroform	7.593	83	246864	26.012	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:27:10 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	144405	25.719	ug/L		99
29) Cyclohexane	7.881	56	148358	27.479	ug/L		95
30) 1,1,1-Trichloroethane	7.787	97	198474	25.815	ug/L		99
31) Carbon tetrachloride	7.993	117	165912	26.701	ug/L		96
33) Benzene	8.251	78	523457	26.714	ug/L		100
34) Trichloroethene	9.028	95	123882	25.054	ug/L		98
35) Methylcyclohexane	9.269	83	182713	26.534	ug/L		97
37) 1,2-Dichloropropane	9.304	63	144616	26.901	ug/L		97
38) Bromodichloromethane	9.581	83	187143	26.195	ug/L		96
39) cis-1,3-Dichloropropene	10.016	75	217206	26.597	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	176631	57.342	ug/L		98
42) Toluene	10.334	91	566224	26.785	ug/L		95
44) trans-1,3-Dichloropropene	10.551	75	189341	26.821	ug/L		98
45) 1,1,2-Trichloroethane	10.734	97	121661	26.576	ug/L		93
46) Tetrachloroethene	10.810	164	96979	25.004	ug/L		97
48) 2-Hexanone	10.922	43	142704	60.411	ug/L		98
49) Dibromochloromethane	11.075	129	134027	26.304	ug/L		89
50) 1,2-Dibromoethane	11.181	107	111972	26.136	ug/L	#	92
51) Chlorobenzene	11.604	112	362963	25.279	ug/L		96
52) Ethylbenzene	11.687	91	606060	26.445	ug/L		95
53) m,p-Xylene	11.792	106	233645	26.731	ug/L		100
54) o-Xylene	12.122	106	229637	26.944	ug/L		97
55) Styrene	12.134	104	430392	27.775	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	151481	27.678	ug/L		98
59) Bromoform	12.298	173	83583	24.661	ug/L		98
60) Isopropylbenzene	12.422	105	606120	25.769	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	97599	25.600	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	462120	25.696	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	461702	25.856	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	278585	24.336	ug/L		97
65) 1,4-Dichlorobenzene	13.539	146	295486	24.701	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	261900	24.835	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.445	75	20533	25.171	ug/L		96
69) 1,3,5-Trichlorobenzene	14.592	180	182530	24.254	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	152763	23.683	ug/L		99
71) Naphthalene	15.333	128	337574	25.282	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	148769	24.687	ug/L		98

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

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