Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
Data File : VD075999.D
Acq On : 04 May 2023 12:37
Operator : KP/SY
Sample : 02593-06MSD
Misc : 5.89G/10.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DCCJ0MSD

Quant Time: May 05 00:48:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	322954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144745	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	156665	22.113	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.440%			
7) Chloroethane-d5	2.799	69	135567	22.146	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.600%			
11) 1,1-Dichloroethene-d2	3.922	65	36382	22.274	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.080%			
21) 2-Butanone-d5	6.993	46	29128	47.359	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.720%			
24) Chloroform-d	7.569	84	185757	23.001	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	8.228	65	79716	23.114	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.440%			
32) Benzene-d6	8.204	84	384944	22.931	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.720%			
36) 1,2-Dichloropropane-d6	9.210	67	111897	24.082	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.320%			
41) Toluene-d8	10.269	98	357434	22.743	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.960%			
43) trans-1,3-Dichloroprop...	10.528	79	40826	21.257	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.040%			
47) 2-Hexanone-d5	10.875	63	25786	46.090	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.180%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81804	23.007	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.040%			
66) 1,2-Dichlorobenzene-d4	13.816	152	111005	21.682	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	113759	25.552	ug/L	99
3) Chloromethane	2.146	50	155470	25.050	ug/L	97
5) Vinyl chloride	2.281	62	202827	25.005	ug/L	99
6) Bromomethane	2.693	94	114679	21.040	ug/L	98
8) Chloroethane	2.834	64	119891	22.854	ug/L	97
9) Trichlorofluoromethane	3.175	101	159620	24.491	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	109677	25.049	ug/L	96
12) 1,1-Dichloroethene	3.940	96	101054	23.798	ug/L	92
13) Acetone	4.022	43	74642	141.814	ug/L	96
14) Carbon disulfide	4.269	76	330513	22.284	ug/L	97
15) Methyl Acetate	4.563	43	25671	22.505	ug/L #	65
16) Methylene chloride	4.805	84	123125	18.793	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	105675	22.194	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	157563	20.630	ug/L	98
19) 1,1-Dichloroethane	6.110	63	169423	24.289	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	108273	21.505	ug/L	95
22) 2-Butanone	7.081	43	35828	52.214	ug/L	95
23) Bromochloromethane	7.428	128	52393	22.439	ug/L #	91
25) Chloroform	7.599	83	180349	23.070	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93190	23.094	ug/L		97
29) Cyclohexane	7.875	56	127083	25.774	ug/L		94
30) 1,1,1-Trichloroethane	7.793	97	146568	24.052	ug/L		98
31) Carbon tetrachloride	7.993	117	121141	24.778	ug/L		98
33) Benzene	8.251	78	413678	23.745	ug/L		100
34) Trichloroethene	9.028	95	104608	23.218	ug/L		93
35) Methylcyclohexane	9.275	83	167676	24.139	ug/L		97
37) 1,2-Dichloropropane	9.304	63	98566	24.629	ug/L		100
38) Bromodichloromethane	9.587	83	125640	23.284	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	145220	22.817	ug/L		95
40) 4-Methyl-2-pentanone	10.157	43	66617	45.656	ug/L		95
42) Toluene	10.334	91	454469	24.105	ug/L		100
44) trans-1,3-Dichloropropene	10.557	75	116391	22.764	ug/L		99
45) 1,1,2-Trichloroethane	10.734	97	76869	22.578	ug/L		95
46) Tetrachloroethene	10.810	164	100537	27.206	ug/L		91
48) 2-Hexanone	10.922	43	45681	44.409	ug/L		92
49) Dibromochloromethane	11.075	129	82579	22.280	ug/L		96
50) 1,2-Dibromoethane	11.181	107	66725	21.738	ug/L		97
51) Chlorobenzene	11.610	112	283710	23.002	ug/L		98
52) Ethylbenzene	11.687	91	458887	23.736	ug/L		100
53) m,p-Xylene	11.792	106	187437	24.348	ug/L		98
54) o-Xylene	12.122	106	173591	23.741	ug/L		95
55) Styrene	12.134	104	305090	23.973	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.675	83	77360	22.332	ug/L		97
59) Bromoform	12.298	173	46654	21.031	ug/L		99
60) Isopropylbenzene	12.422	105	442242	23.042	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	48836	21.478	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	328125	22.927	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	315013	22.834	ug/L		99
64) 1,3-Dichlorobenzene	13.463	146	210522	22.925	ug/L		97
65) 1,4-Dichlorobenzene	13.539	146	211138	21.907	ug/L		99
67) 1,2-Dichlorobenzene	13.834	146	186066	22.689	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9617	21.157	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.592	180	122604	19.919	ug/L		98
70) 1,2,4-trichlorobenzene	15.104	180	95283	18.680	ug/L		98
71) Naphthalene	15.333	128	165573	17.738	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	85624	18.805	ug/L		98

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

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