Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
Data File : VD076030.D
Acq On : 08 May 2023 10:20
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025152

Quant Time: May 09 02:36:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	378529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	337704	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	177377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	178977	21.553	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
7) Chloroethane-d5	2.799	69	152562	21.264	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.040%			
11) 1,1-Dichloroethene-d2	3.911	65	40618	21.217	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.880%			
21) 2-Butanone-d5	6.987	46	43657	60.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.120%			
24) Chloroform-d	7.569	84	216018	22.821	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.280%			
26) 1,2-Dichloroethane-d4	8.228	65	96390	23.845	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.199	84	448463	22.784	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.120%			
36) 1,2-Dichloropropane-d6	9.210	67	131283	24.097	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.400%			
41) Toluene-d8	10.269	98	413173	22.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.680%			
43) trans-1,3-Dichloroprop...	10.528	79	51780	22.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.960%			
47) 2-Hexanone-d5	10.881	63	39399	60.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.120%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	112722	27.039	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.160%			
66) 1,2-Dichlorobenzene-d4	13.816	152	134872	21.497	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	140490	26.923	ug/L	100
3) Chloromethane	2.146	50	203422	27.964	ug/L	97
5) Vinyl chloride	2.281	62	254301	26.748	ug/L	99
6) Bromomethane	2.693	94	144494	22.618	ug/L	97
8) Chloroethane	2.834	64	155916	25.358	ug/L	96
9) Trichlorofluoromethane	3.175	101	197055	25.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	139546	27.191	ug/L	96
12) 1,1-Dichloroethene	3.940	96	124560	25.027	ug/L #	83
13) Acetone	4.022	43	38166	61.866	ug/L	98
14) Carbon disulfide	4.263	76	404452	23.266	ug/L	100
15) Methyl Acetate	4.563	43	38764	28.994	ug/L #	58
16) Methylene chloride	4.793	84	149289	19.441	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	131806	23.618	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	232675	25.991	ug/L	98
19) 1,1-Dichloroethane	6.110	63	217005	26.543	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	143225	24.271	ug/L	94
22) 2-Butanone	7.081	43	52835	65.694	ug/L	90
23) Bromochloromethane	7.428	128	68597	25.065	ug/L #	94
25) Chloroform	7.593	83	229724	25.072	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	127536	26.965	ug/L	99
29) Cyclohexane	7.875	56	170209	29.442	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	191420	26.791	ug/L	98
31) Carbon tetrachloride	7.987	117	155242	27.082	ug/L	98
33) Benzene	8.252	78	535667	26.223	ug/L	100
34) Trichloroethene	9.028	95	132726	25.125	ug/L	94
35) Methylcyclohexane	9.275	83	219479	26.948	ug/L	97
37) 1,2-Dichloropropane	9.304	63	131332	27.989	ug/L	100
38) Bromodichloromethane	9.587	83	166162	26.263	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	194555	26.071	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	108855	63.628	ug/L	96
42) Toluene	10.334	91	588866	26.639	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	161648	26.965	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	103791	26.000	ug/L	97
46) Tetrachloroethene	10.810	164	117918	27.215	ug/L	97
48) 2-Hexanone	10.922	43	83837	69.512	ug/L	90
49) Dibromochloromethane	11.075	129	111201	25.588	ug/L	100
50) 1,2-Dibromoethane	11.181	107	93482	25.974	ug/L	98
51) Chlorobenzene	11.610	112	365249	25.257	ug/L	97
52) Ethylbenzene	11.687	91	586412	25.870	ug/L	97
53) m,p-Xylene	11.793	106	235586	26.100	ug/L	98
54) o-Xylene	12.122	106	220941	25.771	ug/L	100
55) Styrene	12.134	104	401748	26.924	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	113954	28.056	ug/L	97
59) Bromoform	12.298	173	66486	24.457	ug/L	99
60) Isopropylbenzene	12.422	105	568846	24.186	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74435	26.714	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	433681	24.728	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	420707	24.885	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	279366	24.825	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	285121	24.141	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	245818	24.460	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	14633	26.269	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	178912	23.719	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	145601	23.293	ug/L	98
71) Naphthalene	15.334	128	269290	23.542	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	135600	24.302	ug/L	99

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

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