Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
Data File : VD075418.D
Acq On : 23 Feb 2023 17:19
Operator : KP/SY
Sample : VSTDICV025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VICV110

Quant Time: Feb 24 00:02:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 23 23:55:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	88436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	80828	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	40523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38738	22.110	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.440%			
7) Chloroethane-d5	2.805	69	32284	21.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.160%			
11) 1,1-Dichloroethene-d2	3.922	63	60077	22.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.880%			
21) 2-Butanone-d5	6.993	46	12204	46.708	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.420%			
24) Chloroform-d	7.569	84	57663	22.619	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.480%			
26) 1,2-Dichloroethane-d4	8.234	65	29032	23.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.080%			
32) Benzene-d6	8.205	84	113537	22.500	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	9.210	67	32996	21.999	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.000%			
41) Toluene-d8	10.269	98	104292	22.860	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.440%			
43) trans-1,3-Dichloroprop...	10.528	79	13459	22.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.120%			
47) 2-Hexanone-d5	10.881	63	8953	45.349	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.700%			
56) 1,1,2,2-Tetrachloroeth...	12.657	84	24009	22.647	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	13.816	152	31861	22.273	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	38419	22.650	ug/L	96
3) Chloromethane	2.146	50	47029	23.200	ug/L	98
5) Vinyl chloride	2.281	62	50982	22.625	ug/L	98
6) Bromomethane	2.693	94	27381	24.411	ug/L	97
8) Chloroethane	2.840	64	33147	24.147	ug/L	97
9) Trichlorofluoromethane	3.175	101	60449	23.717	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	36318	23.732	ug/L	98
12) 1,1-Dichloroethene	3.940	96	31352	23.800	ug/L	97
13) Acetone	4.022	43	15706	44.347	ug/L	99
14) Carbon disulfide	4.269	76	98053	23.088	ug/L	98
15) Methyl Acetate	4.564	43	14343	26.368	ug/L #	85
16) Methylene chloride	4.805	84	36267	20.508	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	33759	24.863	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	71314	25.742	ug/L	99
19) 1,1-Dichloroethane	6.111	63	64518	24.672	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	35275	24.339	ug/L	100
22) 2-Butanone	7.087	43	19016	46.140	ug/L	99
23) Bromochloromethane	7.428	128	16275	25.372	ug/L #	80
25) Chloroform	7.599	83	65912	24.563	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Thu Feb 23 23:55:37 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	41603	24.665	ug/L		98
29) Cyclohexane	7.875	56	53194	24.033	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	60588	24.646	ug/L		98
31) Carbon tetrachloride	7.993	117	49195	23.308	ug/L		97
33) Benzene	8.252	78	141281	24.388	ug/L		100
34) Trichloroethene	9.028	95	37105	24.091	ug/L		96
35) Methylcyclohexane	9.275	83	57978	23.498	ug/L		99
37) 1,2-Dichloropropane	9.304	63	37312	24.711	ug/L		98
38) Bromodichloromethane	9.587	83	47922	24.532	ug/L		100
39) cis-1,3-Dichloropropene	10.016	75	55113	25.149	ug/L		90
40) 4-Methyl-2-pentanone	10.163	43	40506	49.924	ug/L		98
42) Toluene	10.334	91	152844	24.905	ug/L		99
44) trans-1,3-Dichloropropene	10.557	75	47071	25.821	ug/L		99
45) 1,1,2-Trichloroethane	10.734	97	26343	24.969	ug/L		94
46) Tetrachloroethene	10.810	164	28737	23.648	ug/L		95
48) 2-Hexanone	10.922	43	29122	48.512	ug/L		99
49) Dibromochloromethane	11.075	129	31479	25.380	ug/L		98
50) 1,2-Dibromoethane	11.181	107	24456	25.086	ug/L	#	91
51) Chlorobenzene	11.610	112	93750	24.087	ug/L		96
52) Ethylbenzene	11.687	91	172588	25.457	ug/L		99
53) m,p-Xylene	11.793	106	64464	25.217	ug/L		88
54) o-Xylene	12.122	106	61404	25.407	ug/L		98
55) Styrene	12.140	104	107341	25.563	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.675	83	28658	24.450	ug/L		100
59) Bromoform	12.304	173	18396	24.534	ug/L		97
60) Isopropylbenzene	12.422	105	170770	25.097	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	20318	25.416	ug/L		98
62) 1,3,5-Trimethylbenzene	12.910	105	136346	25.571	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	133017	25.879	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	72009	24.313	ug/L		98
65) 1,4-Dichlorobenzene	13.540	146	74009	24.483	ug/L		97
67) 1,2-Dichlorobenzene	13.834	146	63679	24.526	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.451	75	4262	23.663	ug/L		93
69) 1,3,5-Trichlorobenzene	14.598	180	48269	24.725	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	38976	24.816	ug/L		97
71) Naphthalene	15.334	128	72771	25.627	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	35755	26.397	ug/L		97

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

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