Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
Data File : VD079060.D
Acq On : 29 May 2024 12:32
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025881

Quant Time: May 30 01:04:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 00:58:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	214813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108495	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	142661	21.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.320%			
7) Chloroethane-d5	2.799	69	142679	22.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.280%			
11) 1,1-Dichloroethene-d2	3.917	65	26536	22.613	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.440%			
21) 2-Butanone-d5	6.987	46	21987	43.486	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.980%			
24) Chloroform-d	7.569	84	130995	21.810	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.240%			
26) 1,2-Dichloroethane-d4	8.234	65	61207	22.090	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.360%			
32) Benzene-d6	8.199	84	270377	23.232	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.920%			
36) 1,2-Dichloropropane-d6	9.210	67	70885	21.145	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.560%			
41) Toluene-d8	10.269	98	254098	23.319	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.280%			
43) trans-1,3-Dichloroprop...	10.522	79	31772	22.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.200%			
47) 2-Hexanone-d5	10.875	63	18971	43.774	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.540%			
56) 1,1,2,2-Tetrachloroeth...	12.646	84	62660	21.102	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.400%			
66) 1,2-Dichlorobenzene-d4	13.816	152	84104	22.461	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	83632	24.594	ug/L	99
3) Chloromethane	2.146	50	112549	24.833	ug/L	99
5) Vinyl chloride	2.281	62	179251	23.962	ug/L	96
6) Bromomethane	2.693	94	142588	24.690	ug/L	97
8) Chloroethane	2.840	64	135001	24.623	ug/L	95
9) Trichlorofluoromethane	3.175	101	167138	29.330	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	83489	24.432	ug/L	98
12) 1,1-Dichloroethene	3.940	96	76112	25.584	ug/L	94
13) Acetone	4.022	43	38894	53.134	ug/L	96
14) Carbon disulfide	4.269	76	259236	24.980	ug/L	98
15) Methyl Acetate	4.564	43	23390	23.452	ug/L	98
16) Methylene chloride	4.805	84	91581	23.926	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	81915	25.479	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	147092	25.796	ug/L #	90
19) 1,1-Dichloroethane	6.111	63	126861	24.508	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	86559	25.857	ug/L	95
22) 2-Butanone	7.081	43	39356	51.181	ug/L	97
23) Bromochloromethane	7.422	128	41802	24.629	ug/L	96
25) Chloroform	7.593	83	143113	24.352	ug/L	94

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025881

Quant Time: May 30 01:04:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 00:58:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	84650	24.813	ug/L		100
29) Cyclohexane	7.875	56	103106	27.221	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	127053	25.562	ug/L		97
31) Carbon tetrachloride	7.987	117	118207	25.593	ug/L		96
33) Benzene	8.252	78	324719	25.970	ug/L		100
34) Trichloroethene	9.028	95	83227	25.843	ug/L		98
35) Methylcyclohexane	9.275	83	143586	26.908	ug/L		99
37) 1,2-Dichloropropane	9.305	63	76126	24.856	ug/L	#	92
38) Bromodichloromethane	9.587	83	106832	25.092	ug/L		96
39) cis-1,3-Dichloropropene	10.016	75	121044	25.318	ug/L		97
40) 4-Methyl-2-pentanone	10.157	43	66527	52.035	ug/L		95
42) Toluene	10.334	91	363991	26.216	ug/L		99
44) trans-1,3-Dichloropropene	10.552	75	105243	26.031	ug/L		91
45) 1,1,2-Trichloroethane	10.734	97	66468	24.738	ug/L		98
46) Tetrachloroethene	10.810	164	69671	24.570	ug/L		99
48) 2-Hexanone	10.922	43	58309	52.706	ug/L		98
49) Dibromochloromethane	11.075	129	76932	24.179	ug/L		97
50) 1,2-Dibromoethane	11.181	107	60418	24.467	ug/L	#	97
51) Chlorobenzene	11.604	112	234461	25.379	ug/L		96
52) Ethylbenzene	11.681	91	384033	26.517	ug/L		98
53) m,p-Xylene	11.793	106	155217	27.317	ug/L		100
54) o-Xylene	12.122	106	147078	26.792	ug/L		89
55) Styrene	12.134	104	267626	27.494	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.669	83	72210	24.009	ug/L		98
59) Bromoform	12.298	173	47948	24.113	ug/L		100
60) Isopropylbenzene	12.422	105	387722	27.027	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	47377	24.734	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	266167	27.136	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	283259	27.000	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	175458	25.459	ug/L		98
65) 1,4-Dichlorobenzene	13.534	146	185205	25.363	ug/L		100
67) 1,2-Dichlorobenzene	13.828	146	159795	25.082	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9688	24.603	ug/L		88
69) 1,3,5-Trichlorobenzene	14.592	180	111390	25.627	ug/L		97
70) 1,2,4-trichlorobenzene	15.098	180	88955	24.642	ug/L		99
71) Naphthalene	15.328	128	166394	24.646	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	80725	25.873	ug/L		99

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

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