Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
Data File : VW030801.D
Acq On : 29 Oct 2024 13:24
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Quant Time: Oct 30 01:08:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 29 01:29:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	276693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128218	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96867	22.272	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.080%			
7) Chloroethane-d5	2.893	69	88939	27.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.080%			
11) 1,1-Dichloroethene-d2	4.015	65	40671	22.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.920%			
21) 2-Butanone-d5	7.075	46	34191	43.684	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.360%			
24) Chloroform-d	7.648	84	194888	24.629	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.520%			
26) 1,2-Dichloroethane-d4	8.301	65	98915	24.039	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.160%			
32) Benzene-d6	8.270	84	360745	25.422	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.680%			
36) 1,2-Dichloropropane-d6	9.270	67	104980	25.205	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.840%			
41) Toluene-d8	10.319	98	328644	25.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.480%			
43) trans-1,3-Dichloroprop...	10.575	79	43171	24.753	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.000%			
47) 2-Hexanone-d5	10.922	63	27643	51.529	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.060%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78097	25.532	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.120%			
66) 1,2-Dichlorobenzene-d4	13.848	152	106384	24.522	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67844	19.191	ug/L	94
3) Chloromethane	2.222	50	81660	19.875	ug/L	100
5) Vinyl chloride	2.375	62	106394	21.056	ug/L	98
6) Bromomethane	2.789	94	75229	22.620	ug/L	100
8) Chloroethane	2.936	64	74784	24.212	ug/L	100
9) Trichlorofluoromethane	3.259	101	103042	22.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	85340	20.980	ug/L	95
12) 1,1-Dichloroethene	4.039	96	81301	21.901	ug/L	86
13) Acetone	4.118	43	44577	38.902	ug/L	94
14) Carbon disulfide	4.387	76	193565	15.967	ug/L	96
15) Methyl Acetate	4.673	43	29164	20.604	ug/L	97
16) Methylene chloride	4.917	84	86072	20.577	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	84973	21.213	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	116889	20.850	ug/L	99
19) 1,1-Dichloroethane	6.209	63	176218	23.669	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	95719	22.403	ug/L	96
22) 2-Butanone	7.167	43	47694	38.613	ug/L	99
23) Bromochloromethane	7.514	128	40795	21.826	ug/L	93
25) Chloroform	7.673	83	188938	23.748	ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.398	62	114306	21.778	ug/L	100
29)	Cyclohexane	7.953	56	125853	21.146	ug/L	98
30)	1,1,1-Trichloroethane	7.874	97	152799	23.542	ug/L	99
31)	Carbon tetrachloride	8.069	117	138480	23.889	ug/L	95
33)	Benzene	8.319	78	378394	23.783	ug/L	100
34)	Trichloroethene	9.087	95	100725	22.755	ug/L	98
35)	Methylcyclohexane	9.337	83	150150	21.554	ug/L	100
37)	1,2-Dichloropropane	9.361	63	99234	24.972	ug/L	99
38)	Bromodichloromethane	9.642	83	131288	24.832	ug/L	100
39)	cis-1,3-Dichloropropene	10.069	75	147021	24.528	ug/L	97
40)	4-Methyl-2-pentanone	10.203	43	88466	46.341	ug/L	99
42)	Toluene	10.386	91	412870	24.323	ug/L	98
44)	trans-1,3-Dichloropropene	10.605	75	121731	24.168	ug/L	100
45)	1,1,2-Trichloroethane	10.782	97	68114	23.717	ug/L	96
46)	Tetrachloroethene	10.861	164	77236	23.658	ug/L	97
48)	2-Hexanone	10.965	43	67772	43.411	ug/L	98
49)	Dibromochloromethane	11.129	129	76321	23.817	ug/L	91
50)	1,2-Dibromoethane	11.233	107	61588	22.982	ug/L	97
51)	Chlorobenzene	11.654	112	259501	23.749	ug/L	98
52)	Ethylbenzene	11.727	91	475473	24.549	ug/L	100
53)	m,p-Xylene	11.837	106	178087	24.542	ug/L	97
54)	o-Xylene	12.160	106	166533	24.824	ug/L	85
55)	Styrene	12.178	104	296707	25.872	ug/L	97
57)	1,1,2,2-Tetrachloroethane	12.708	83	78898	24.361	ug/L	99
59)	Bromoform	12.349	173	41592	23.088	ug/L	95
60)	Isopropylbenzene	12.458	105	500043	25.183	ug/L	99
61)	1,2,3-Trichloropropane	12.763	75	53994	21.641	ug/L	99
62)	1,3,5-Trimethylbenzene	12.940	105	384130	24.521	ug/L	99
63)	1,2,4-Trimethylbenzene	13.245	105	367484	23.959	ug/L	99
64)	1,3-Dichlorobenzene	13.495	146	220397	25.500	ug/L	96
65)	1,4-Dichlorobenzene	13.574	146	212503	23.812	ug/L	95
67)	1,2-Dichlorobenzene	13.867	146	187177	24.611	ug/L	92
68)	1,2-Dibromo-3-chloropr...	14.476	75	13020	23.404	ug/L	97
69)	1,3,5-Trichlorobenzene	14.623	180	154280	27.070	ug/L	96
70)	1,2,4-trichlorobenzene	15.129	180	108489	23.645	ug/L	95
71)	Naphthalene	15.360	128	180833	22.812	ug/L	100
72)	1,2,3-Trichlorobenzene	15.549	180	96561	24.276	ug/L	98

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

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