Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
Data File : VW031329.D
Acq On : 18 Dec 2024 09:25
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Quant Time: Dec 19 00:16:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 18 00:14:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	593391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	509157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	244982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	229806	25.739	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.960%			
7) Chloroethane-d5	2.893	69	178294	26.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.000%			
11) 1,1-Dichloroethene-d2	4.015	65	106371	25.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.480%			
21) 2-Butanone-d5	7.094	46	77123	45.868	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.740%			
24) Chloroform-d	7.648	84	433315	26.652	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.600%			
26) 1,2-Dichloroethane-d4	8.301	65	210220	25.746	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	8.270	84	842810	25.826	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.320%			
36) 1,2-Dichloropropane-d6	9.270	67	243366	25.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.360%			
41) Toluene-d8	10.319	98	792303	26.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	10.575	79	102633	23.403	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.600%			
47) 2-Hexanone-d5	10.922	63	55710	43.555	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148481	24.864	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	229503	25.235	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	160481	29.925	ug/L	96
3) Chloromethane	2.216	50	162609	26.990	ug/L	95
5) Vinyl chloride	2.369	62	245435	29.396	ug/L	99
6) Bromomethane	2.783	94	152760	29.760	ug/L	98
8) Chloroethane	2.930	64	149865	30.182	ug/L	99
9) Trichlorofluoromethane	3.259	101	254723	28.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	214875	29.917	ug/L	95
12) 1,1-Dichloroethene	4.033	96	212314	29.186	ug/L	92
13) Acetone	4.173	43	116216	49.630	ug/L #	100
14) Carbon disulfide	4.381	76	632166	26.646	ug/L	99
15) Methyl Acetate	4.685	43	61436	23.100	ug/L	98
16) Methylene chloride	4.911	84	203104	27.203	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	225382	28.743	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	335176	25.569	ug/L	99
19) 1,1-Dichloroethane	6.210	63	419684	28.642	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246905	29.103	ug/L	96
22) 2-Butanone	7.185	43	127107	44.799	ug/L	99
23) Bromochloromethane	7.514	128	94818	28.023	ug/L	94
25) Chloroform	7.673	83	428696	29.644	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 18 00:14:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	256714	28.236	ug/L	99
29) Cyclohexane	7.953	56	371745	26.922	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	370958	28.188	ug/L	99
31) Carbon tetrachloride	8.069	117	337041	28.747	ug/L	99
33) Benzene	8.319	78	911304	28.963	ug/L	100
34) Trichloroethene	9.087	95	258360	29.084	ug/L	95
35) Methylcyclohexane	9.331	83	438421	28.340	ug/L	98
37) 1,2-Dichloropropane	9.361	63	221541	28.224	ug/L	100
38) Bromodichloromethane	9.642	83	280811	27.518	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	362786	27.351	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	201496	48.385	ug/L	100
42) Toluene	10.386	91	997738	29.125	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	289174	26.700	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	142563	27.306	ug/L	97
46) Tetrachloroethene	10.855	164	181556	27.902	ug/L	92
48) 2-Hexanone	10.965	43	178773	50.475	ug/L	98
49) Dibromochloromethane	11.123	129	166724	26.940	ug/L	93
50) 1,2-Dibromoethane	11.233	107	135783	27.454	ug/L	97
51) Chlorobenzene	11.654	112	617129	28.732	ug/L	97
52) Ethylbenzene	11.727	91	1164254	29.324	ug/L	95
53) m,p-Xylene	11.831	106	438540	29.015	ug/L	95
54) o-Xylene	12.160	106	411716	28.903	ug/L	99
55) Styrene	12.178	104	673567	28.427	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	148774	26.434	ug/L	97
59) Bromoform	12.349	173	84241	24.477	ug/L	100
60) Isopropylbenzene	12.458	105	1161580	28.974	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	110743	26.417	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	953918	28.065	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	935859	28.488	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	464090	28.572	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	462324	28.727	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	388910	27.789	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	24096	22.650	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	313250	27.536	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	252563	26.690	ug/L	99
71) Naphthalene	15.354	128	428490	25.827	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	210550	27.616	ug/L	98

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

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