Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
Data File : VW031370.D
Acq On : 19 Dec 2024 08:38
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025597

Quant Time: Dec 20 00:23:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 19 04:08:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	547011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	463492	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	236464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	193053	23.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.840%			
7) Chloroethane-d5	2.893	69	158898	26.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.400%			
11) 1,1-Dichloroethene-d2	4.015	65	90632	23.215	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.840%			
21) 2-Butanone-d5	7.094	46	72710	46.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.820%			
24) Chloroform-d	7.648	84	373132	24.896	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	8.301	65	191036	25.380	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.520%			
32) Benzene-d6	8.270	84	727824	24.500	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.000%			
36) 1,2-Dichloropropane-d6	9.270	67	210393	24.300	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.319	98	671865	24.311	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.240%			
43) trans-1,3-Dichloroprop...	10.575	79	88554	22.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.720%			
47) 2-Hexanone-d5	10.922	63	56754	48.743	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	142687	26.248	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	201298	22.931	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	132027	26.706	ug/L	94
3) Chloromethane	2.216	50	130624	23.520	ug/L	97
5) Vinyl chloride	2.369	62	208849	27.135	ug/L	97
6) Bromomethane	2.789	94	130821	27.647	ug/L	93
8) Chloroethane	2.930	64	130558	28.523	ug/L	97
9) Trichlorofluoromethane	3.259	101	197939	24.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	180768	27.302	ug/L	98
12) 1,1-Dichloroethene	4.039	96	173934	25.937	ug/L	92
13) Acetone	4.173	43	106966	49.553	ug/L #	100
14) Carbon disulfide	4.381	76	482131	22.045	ug/L	99
15) Methyl Acetate	4.685	43	55520	22.645	ug/L	95
16) Methylene chloride	4.911	84	167139	24.284	ug/L	99
17) trans-1,2-Dichloroethene	5.417	96	181616	25.125	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	280417	23.205	ug/L	99
19) 1,1-Dichloroethane	6.210	63	343894	25.459	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	200954	25.695	ug/L	97
22) 2-Butanone	7.185	43	112745	43.106	ug/L	95
23) Bromochloromethane	7.514	128	80565	25.830	ug/L	96
25) Chloroform	7.673	83	354242	26.572	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Dec 19 04:08:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	221243	26.398	ug/L	97
29) Cyclohexane	7.947	56	308544	24.547	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	298193	24.891	ug/L	98
31) Carbon tetrachloride	8.063	117	270465	25.341	ug/L	100
33) Benzene	8.319	78	741943	25.903	ug/L	100
34) Trichloroethene	9.087	95	208550	25.790	ug/L	92
35) Methylcyclohexane	9.331	83	350215	24.869	ug/L	99
37) 1,2-Dichloropropane	9.361	63	180860	25.311	ug/L	100
38) Bromodichloromethane	9.642	83	235015	25.300	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	299038	24.766	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	181449	47.864	ug/L	98
42) Toluene	10.386	91	823085	26.394	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	241844	24.530	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	125744	26.457	ug/L	96
46) Tetrachloroethene	10.855	164	156734	26.461	ug/L	93
48) 2-Hexanone	10.965	43	163472	50.702	ug/L	98
49) Dibromochloromethane	11.123	129	137943	24.485	ug/L	93
50) 1,2-Dibromoethane	11.233	107	117935	26.194	ug/L	96
51) Chlorobenzene	11.648	112	500044	25.575	ug/L	97
52) Ethylbenzene	11.727	91	940878	26.033	ug/L	96
53) m,p-Xylene	11.837	106	356677	25.923	ug/L	97
54) o-Xylene	12.160	106	340126	26.230	ug/L	98
55) Styrene	12.172	104	562293	26.069	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	138672	27.066	ug/L	99
59) Bromoform	12.343	173	72231	21.744	ug/L	99
60) Isopropylbenzene	12.458	105	971807	25.114	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	100055	24.728	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	789711	24.071	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	769067	24.254	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	381800	24.352	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	388170	24.988	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	345478	25.575	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	21711	21.144	ug/L	90
69) 1,3,5-Trichlorobenzene	14.617	180	259993	23.678	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	221463	24.246	ug/L	99
71) Naphthalene	15.354	128	394023	24.605	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178426	24.245	ug/L	99

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

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