Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031233.D
Acq On : 13 Dec 2024 12:24
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025587

Quant Time: Dec 14 00:34:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:28:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	743757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	642655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	314915	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	267972	23.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.800%			
7) Chloroethane-d5	2.893	69	192325	23.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.920%			
11) 1,1-Dichloroethene-d2	4.015	65	129391	24.375	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.520%			
21) 2-Butanone-d5	7.099	46	102431	48.603	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.200%			
24) Chloroform-d	7.648	84	492758	24.181	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.720%			
26) 1,2-Dichloroethane-d4	8.306	65	255327	24.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.800%			
32) Benzene-d6	8.270	84	997550	24.218	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.880%			
36) 1,2-Dichloropropane-d6	9.276	67	286442	23.861	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.440%			
41) Toluene-d8	10.318	98	930763	24.290	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.160%			
43) trans-1,3-Dichloroprop...	10.574	79	134621	24.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.280%			
47) 2-Hexanone-d5	10.922	63	82985	51.402	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.800%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186118	24.692	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	268413	22.959	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	172319	25.636	ug/L	97
3) Chloromethane	2.216	50	182003	24.102	ug/L	96
5) Vinyl chloride	2.362	62	257901	24.644	ug/L	96
6) Bromomethane	2.789	94	154286	23.980	ug/L	94
8) Chloroethane	2.929	64	155686	25.016	ug/L	98
9) Trichlorofluoromethane	3.265	101	281791	25.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	225449	25.043	ug/L	95
12) 1,1-Dichloroethene	4.039	96	227800	24.984	ug/L	96
13) Acetone	4.173	43	153088	52.159	ug/L #	100
14) Carbon disulfide	4.380	76	746995	25.121	ug/L	100
15) Methyl Acetate	4.691	43	84448	25.333	ug/L	99
16) Methylene chloride	4.917	84	226315	24.184	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	246821	25.113	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	428795	26.097	ug/L	98
19) 1,1-Dichloroethane	6.215	63	462733	25.195	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	265572	24.975	ug/L	97
22) 2-Butanone	7.185	43	175451	49.336	ug/L	100
23) Bromochloromethane	7.520	128	105585	24.897	ug/L	90
25) Chloroform	7.672	83	456785	25.200	ug/L	95

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VSTD025587

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:28:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	293701	25.773	ug/L	98
29) Cyclohexane	7.953	56	439455	25.215	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	412576	24.838	ug/L	100
31) Carbon tetrachloride	8.069	117	367024	24.801	ug/L	98
33) Benzene	8.325	78	999159	25.158	ug/L	100
34) Trichloroethene	9.093	95	280390	25.007	ug/L	96
35) Methylcyclohexane	9.331	83	497529	25.480	ug/L	99
37) 1,2-Dichloropropane	9.367	63	249157	25.148	ug/L	99
38) Bromodichloromethane	9.642	83	326063	25.315	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	423819	25.315	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	264913	50.399	ug/L	100
42) Toluene	10.385	91	1091322	25.239	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	345136	25.248	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	170349	25.850	ug/L	97
46) Tetrachloroethene	10.861	164	205074	24.970	ug/L	94
48) 2-Hexanone	10.964	43	252250	56.426	ug/L	99
49) Dibromochloromethane	11.123	129	201187	25.755	ug/L	93
50) 1,2-Dibromoethane	11.233	107	161508	25.872	ug/L	96
51) Chlorobenzene	11.653	112	671725	24.777	ug/L	99
52) Ethylbenzene	11.727	91	1267781	25.298	ug/L	95
53) m,p-Xylene	11.836	106	486586	25.506	ug/L	97
54) o-Xylene	12.159	106	455508	25.335	ug/L	98
55) Styrene	12.178	104	761177	25.451	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	185006	26.043	ug/L	97
59) Bromoform	12.348	173	102040	23.065	ug/L	95
60) Isopropylbenzene	12.458	105	1284792	24.931	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	134531	24.965	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1066587	24.412	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1051563	24.901	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	514778	24.655	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	488722	23.624	ug/L	97
67) 1,2-Dichlorobenzene	13.860	146	445022	24.737	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	33642	24.601	ug/L	96
69) 1,3,5-Trichlorobenzene	14.616	180	361240	24.703	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	294399	24.202	ug/L	98
71) Naphthalene	15.354	128	549806	25.780	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	251125	25.623	ug/L	97

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

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