Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028375.D
Acq On : 10 Apr 2024 08:56
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: Apr 11 05:51:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 10 01:16:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	290051	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259068	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	135603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108263	23.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.120%			
7) Chloroethane-d5	2.899	69	85999	24.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	4.021	65	44700	22.700	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.800%			
21) 2-Butanone-d5	7.075	46	51058	58.678	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.360%			
24) Chloroform-d	7.648	84	190465	25.165	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.640%			
26) 1,2-Dichloroethane-d4	8.307	65	104098	26.466	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.880%			
32) Benzene-d6	8.270	84	370594	26.185	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.760%			
36) 1,2-Dichloropropane-d6	9.270	67	110043	26.158	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.640%			
41) Toluene-d8	10.318	98	338998	26.342	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.360%			
43) trans-1,3-Dichloroprop...	10.575	79	44864	26.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.280%			
47) 2-Hexanone-d5	10.922	63	34777	59.680	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88153	29.700	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	101672	23.708	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	93461	23.958	ug/L	100
3) Chloromethane	2.222	50	114085	24.908	ug/L	96
5) Vinyl chloride	2.375	62	129417	23.726	ug/L	100
6) Bromomethane	2.789	94	80867	23.729	ug/L	98
8) Chloroethane	2.942	64	80756	24.560	ug/L	99
9) Trichlorofluoromethane	3.271	101	106017	24.364	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98881	24.154	ug/L	96
12) 1,1-Dichloroethene	4.045	96	90271	23.485	ug/L	93
13) Acetone	4.118	43	67835	63.492	ug/L	99
14) Carbon disulfide	4.393	76	302165	23.877	ug/L	100
15) Methyl Acetate	4.667	43	45780	26.630	ug/L	99
16) Methylene chloride	4.923	84	98482	22.439	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	100844	24.906	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	141886	24.911	ug/L	100
19) 1,1-Dichloroethane	6.216	63	196772	24.943	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	107991	25.129	ug/L	95
22) 2-Butanone	7.167	43	73883	56.982	ug/L	99
23) Bromochloromethane	7.514	128	44888	24.250	ug/L	85
25) Chloroform	7.679	83	194307	25.074	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136467	25.514	ug/L	100
29) Cyclohexane	7.959	56	181134	26.469	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	160026	25.469	ug/L	98
31) Carbon tetrachloride	8.069	117	145434	26.103	ug/L	100
33) Benzene	8.325	78	412021	25.437	ug/L	100
34) Trichloroethene	9.093	95	110897	25.263	ug/L	97
35) Methylcyclohexane	9.331	83	194438	25.957	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108106	25.607	ug/L	100
38) Bromodichloromethane	9.642	83	137513	26.279	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	162649	26.272	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	130594	61.794	ug/L	98
42) Toluene	10.386	91	443972	25.873	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	136256	27.206	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75234	26.341	ug/L	96
46) Tetrachloroethene	10.855	164	84358	25.728	ug/L	89
48) 2-Hexanone	10.965	43	109917	65.523	ug/L	99
49) Dibromochloromethane	11.129	129	78556	25.733	ug/L	95
50) 1,2-Dibromoethane	11.233	107	72021	27.627	ug/L	97
51) Chlorobenzene	11.654	112	271543	25.458	ug/L	98
52) Ethylbenzene	11.727	91	513742	26.411	ug/L	100
53) m,p-Xylene	11.836	106	187096	25.864	ug/L	99
54) o-Xylene	12.160	106	175195	26.011	ug/L	91
55) Styrene	12.178	104	306762	26.760	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	92465	28.606	ug/L	99
59) Bromoform	12.349	173	45226	25.267	ug/L	100
60) Isopropylbenzene	12.458	105	505224	24.852	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66292	26.739	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	328941	25.387	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	402492	25.811	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	211284	24.494	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	211474	24.101	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	186497	24.579	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13986	24.619	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	149088	25.117	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	118167	25.493	ug/L	95
71) Naphthalene	15.354	128	231317	28.197	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	104762	25.469	ug/L	99

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

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