Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050324\
Data File : VW028582.D
Acq On : 03 May 2024 09:51
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Quant Time: May 03 22:55:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	143900	24.728	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.920%			
7) Chloroethane-d5	2.899	69	112842	25.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.280%			
11) 1,1-Dichloroethene-d2	4.021	65	62154	25.564	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.240%			
21) 2-Butanone-d5	7.075	46	54589	35.956	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.920%			
24) Chloroform-d	7.648	84	245607	25.649	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	8.307	65	131633	24.011	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.040%			
32) Benzene-d6	8.276	84	487801	26.584	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.320%			
36) 1,2-Dichloropropane-d6	9.270	67	143004	25.899	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.600%			
41) Toluene-d8	10.325	98	428844	26.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.560%			
43) trans-1,3-Dichloroprop...	10.575	79	55868	25.152	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.600%			
47) 2-Hexanone-d5	10.922	63	38398	40.321	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101194	21.856	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	132449	25.039	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91680	20.587	ug/L	94
3) Chloromethane	2.222	50	124848	22.629	ug/L	97
5) Vinyl chloride	2.375	62	142551	22.950	ug/L	99
6) Bromomethane	2.789	94	81572	22.702	ug/L	96
8) Chloroethane	2.936	64	82910	23.405	ug/L	99
9) Trichlorofluoromethane	3.271	101	120079	23.547	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103415	21.996	ug/L	93
12) 1,1-Dichloroethene	4.039	96	97620	23.146	ug/L	84
13) Acetone	4.125	43	56766	41.100	ug/L	97
14) Carbon disulfide	4.393	76	329503	23.116	ug/L	100
15) Methyl Acetate	4.667	43	42585	17.722	ug/L	99
16) Methylene chloride	4.917	84	103954	21.934	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	104777	23.862	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	140892	21.743	ug/L	100
19) 1,1-Dichloroethane	6.222	63	202390	23.244	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	107164	23.320	ug/L	96
22) 2-Butanone	7.173	43	67005	37.797	ug/L	100
23) Bromochloromethane	7.514	128	44226	22.063	ug/L	98
25) Chloroform	7.679	83	196184	23.295	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138577	22.636	ug/L	98
29) Cyclohexane	7.959	56	192183	24.508	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	166338	24.136	ug/L	100
31) Carbon tetrachloride	8.069	117	151409	24.096	ug/L	98
33) Benzene	8.325	78	438213	24.572	ug/L	100
34) Trichloroethene	9.093	95	112749	23.580	ug/L	96
35) Methylcyclohexane	9.337	83	203437	24.346	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112110	24.125	ug/L	100
38) Bromodichloromethane	9.642	83	136575	24.109	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	166019	24.925	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	116870	36.951	ug/L	99
42) Toluene	10.386	91	463499	25.163	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	135329	24.097	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	72200	21.447	ug/L	98
46) Tetrachloroethene	10.861	164	84690	24.584	ug/L	89
48) 2-Hexanone	10.965	43	92579	41.461	ug/L	99
49) Dibromochloromethane	11.123	129	78698	23.307	ug/L	95
50) 1,2-Dibromoethane	11.233	107	65681	20.828	ug/L	96
51) Chlorobenzene	11.654	112	274394	24.083	ug/L	97
52) Ethylbenzene	11.727	91	521465	25.016	ug/L	96
53) m,p-Xylene	11.837	106	191551	25.069	ug/L	100
54) o-Xylene	12.160	106	182547	25.824	ug/L	100
55) Styrene	12.178	104	307396	25.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	84769	20.071	ug/L	99
59) Bromoform	12.349	173	40394	19.950	ug/L	98
60) Isopropylbenzene	12.458	105	502218	23.852	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62136	18.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	379335	25.463	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	405325	25.251	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	208227	23.772	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	202185	22.577	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	178469	22.764	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12789	16.308	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	140040	23.825	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	107962	22.732	ug/L	96
71) Naphthalene	15.360	128	198984	19.665	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93230	21.755	ug/L	98

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

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