Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042524\
Data File : VW028546.D
Acq On : 25 Apr 2024 10:25
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Quant Time: Apr 26 01:07:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 25 02:52:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	292902	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135541	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84389	17.972	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.880%			
7) Chloroethane-d5	2.899	69	72174	20.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.120%			
11) 1,1-Dichloroethene-d2	4.021	65	38704	19.464	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.840%			
21) 2-Butanone-d5	7.081	46	47144	53.653	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.300%			
24) Chloroform-d	7.648	84	191739	25.087	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.360%			
26) 1,2-Dichloroethane-d4	8.307	65	99912	25.154	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	8.276	84	346285	24.022	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.080%			
36) 1,2-Dichloropropane-d6	9.276	67	106036	24.747	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.000%			
41) Toluene-d8	10.319	98	306872	23.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.640%			
43) trans-1,3-Dichloroprop...	10.575	79	41767	24.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.040%			
47) 2-Hexanone-d5	10.922	63	32501	54.759	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84698	28.017	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.080%			
66) 1,2-Dichlorobenzene-d4	13.848	152	107422	25.060	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	81989	20.812	ug/L	90
3) Chloromethane	2.223	50	108214	23.396	ug/L	100
5) Vinyl chloride	2.375	62	132684	24.088	ug/L	99
6) Bromomethane	2.796	94	78342	22.764	ug/L	97
8) Chloroethane	2.942	64	80084	24.118	ug/L	99
9) Trichlorofluoromethane	3.271	101	113607	25.854	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	103744	25.095	ug/L	98
12) 1,1-Dichloroethene	4.045	96	95398	24.577	ug/L	92
13) Acetone	4.131	43	51693	47.912	ug/L	100
14) Carbon disulfide	4.393	76	285348	22.329	ug/L	99
15) Methyl Acetate	4.673	43	41449	23.876	ug/L	97
16) Methylene chloride	4.923	84	103713	23.400	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	101277	24.769	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	145066	25.222	ug/L	98
19) 1,1-Dichloroethane	6.222	63	203564	25.553	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112397	25.900	ug/L	96
22) 2-Butanone	7.173	43	60357	46.097	ug/L	99
23) Bromochloromethane	7.514	128	45327	24.249	ug/L	92
25) Chloroform	7.679	83	205911	26.312	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138732	25.685	ug/L	98
29) Cyclohexane	7.959	56	180989	25.967	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	167337	26.148	ug/L	99
31) Carbon tetrachloride	8.069	117	150170	26.462	ug/L	99
33) Benzene	8.325	78	429862	26.055	ug/L	100
34) Trichloroethene	9.093	95	114432	25.594	ug/L	97
35) Methylcyclohexane	9.331	83	196418	25.744	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112764	26.224	ug/L	99
38) Bromodichloromethane	9.642	83	140099	26.286	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	166219	26.360	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	120592	56.023	ug/L	98
42) Toluene	10.386	91	466678	26.701	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135506	26.563	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	77058	26.488	ug/L	94
46) Tetrachloroethene	10.861	164	85222	25.518	ug/L	88
48) 2-Hexanone	10.965	43	86638	50.706	ug/L	98
49) Dibromochloromethane	11.129	129	81934	26.351	ug/L	98
50) 1,2-Dibromoethane	11.233	107	69118	26.031	ug/L	95
51) Chlorobenzene	11.654	112	283401	26.086	ug/L	99
52) Ethylbenzene	11.727	91	532504	26.877	ug/L	98
53) m,p-Xylene	11.837	106	195138	26.485	ug/L	93
54) o-Xylene	12.160	106	186931	27.248	ug/L	95
55) Styrene	12.178	104	322023	27.580	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88365	26.840	ug/L	99
59) Bromoform	12.349	173	44424	24.830	ug/L	97
60) Isopropylbenzene	12.458	105	522245	25.701	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63989	25.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	334919	25.860	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	409686	26.285	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	215648	25.011	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	220879	25.184	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	195286	25.749	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12833	22.599	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	151650	25.560	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	118587	25.595	ug/L	94
71) Naphthalene	15.360	128	215078	26.230	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	98150	23.873	ug/L	93

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

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