Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
Data File : VW030054.D
Acq On : 27 Aug 2024 19:09
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Quant Time: Aug 28 01:19:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	220901	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	108928	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76424	22.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.680%			
7) Chloroethane-d5	2.899	69	55067	22.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.040%			
11) 1,1-Dichloroethene-d2	4.027	65	35032	23.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.160%			
21) 2-Butanone-d5	7.087	46	42073	61.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.460%			
24) Chloroform-d	7.648	84	161105	25.792	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.160%			
26) 1,2-Dichloroethane-d4	8.307	65	86752	27.351	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.400%			
32) Benzene-d6	8.276	84	317449	24.346	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	9.270	67	100075	26.196	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	10.318	98	283787	23.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.640%			
43) trans-1,3-Dichloroprop...	10.574	79	40768	25.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.760%			
47) 2-Hexanone-d5	10.922	63	37252	63.714	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.420%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81422	28.948	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.800%			
66) 1,2-Dichlorobenzene-d4	13.848	152	93905	23.834	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	57380	21.538	ug/L	98
3) Chloromethane	2.222	50	72860	23.526	ug/L	97
5) Vinyl chloride	2.369	62	78120	21.341	ug/L	100
6) Bromomethane	2.789	94	49008	21.544	ug/L	94
8) Chloroethane	2.936	64	45846	21.735	ug/L	99
9) Trichlorofluoromethane	3.265	101	67790	21.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	66813	22.031	ug/L #	79
12) 1,1-Dichloroethene	4.045	96	65820	22.168	ug/L	95
13) Acetone	4.143	43	30046	47.807	ug/L	96
14) Carbon disulfide	4.386	76	218334	23.705	ug/L	100
15) Methyl Acetate	4.679	43	33538	27.370	ug/L	98
16) Methylene chloride	4.917	84	81949	21.417	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	75175	22.894	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	120227	23.942	ug/L	98
19) 1,1-Dichloroethane	6.215	63	147004	24.092	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	82695	22.786	ug/L	90
22) 2-Butanone	7.179	43	44965	49.998	ug/L	96
23) Bromochloromethane	7.514	128	35496	23.059	ug/L	94
25) Chloroform	7.679	83	146700	23.505	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Wed Aug 28 01:11:30 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	97780	24.475	ug/L		98
29) Cyclohexane	7.953	56	122611	22.987	ug/L		98
30) 1,1,1-Trichloroethane	7.868	97	112107	21.667	ug/L		99
31) Carbon tetrachloride	8.069	117	102852	22.126	ug/L		97
33) Benzene	8.325	78	325619	23.007	ug/L		100
34) Trichloroethene	9.087	95	84423	22.152	ug/L		97
35) Methylcyclohexane	9.331	83	139896	22.413	ug/L		96
37) 1,2-Dichloropropane	9.367	63	85383	23.824	ug/L		99
38) Bromodichloromethane	9.642	83	103546	22.898	ug/L		95
39) cis-1,3-Dichloropropene	10.068	75	129776	23.526	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	99192	55.600	ug/L		96
42) Toluene	10.385	91	342087	22.697	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	106285	23.811	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	62060	23.625	ug/L		98
46) Tetrachloroethene	10.861	164	59142	20.446	ug/L		83
48) 2-Hexanone	10.965	43	69542	54.832	ug/L		96
49) Dibromochloromethane	11.129	129	63222	22.651	ug/L		82
50) 1,2-Dibromoethane	11.233	107	58287	23.754	ug/L	#	93
51) Chlorobenzene	11.653	112	214499	22.258	ug/L		94
52) Ethylbenzene	11.727	91	386836	22.651	ug/L		98
53) m,p-Xylene	11.836	106	144126	22.614	ug/L		99
54) o-Xylene	12.160	106	135854	22.209	ug/L		90
55) Styrene	12.178	104	237752	23.198	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	75258	25.441	ug/L		99
59) Bromoform	12.348	173	35604	21.949	ug/L		100
60) Isopropylbenzene	12.458	105	376834	21.684	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	52972	23.917	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	298036	23.065	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	305047	22.397	ug/L		95
64) 1,3-Dichlorobenzene	13.495	146	156809	21.166	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	158705	21.205	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	146552	22.113	ug/L		100
68) 1,2-Dibromo-3-chloropr...	14.476	75	11634	24.539	ug/L		90
69) 1,3,5-Trichlorobenzene	14.622	180	104933	21.694	ug/L		92
70) 1,2,4-trichlorobenzene	15.128	180	90524	21.624	ug/L		96
71) Naphthalene	15.360	128	192245	24.049	ug/L		100
72) 1,2,3-Trichlorobenzene	15.543	180	82564	22.469	ug/L		98

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

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