Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072823\
Data File : VW026664.D
Acq On : 28 Jul 2023 09:12
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Quant Time: Jul 28 22:05:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 27 03:01:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	607592	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	557296	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	236233	23.050	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.200%			
7) Chloroethane-d5	2.893	69	180817	25.143	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
11) 1,1-Dichloroethene-d2	4.021	65	114520	23.794	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.160%			
21) 2-Butanone-d5	7.075	46	145922	44.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.100%			
24) Chloroform-d	7.648	84	512367	29.290	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 117.160%			
26) 1,2-Dichloroethane-d4	8.301	65	282450	28.918	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.680%			
32) Benzene-d6	8.270	84	1044798	27.310	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.240%			
36) 1,2-Dichloropropane-d6	9.270	67	327256	27.820	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.280%			
41) Toluene-d8	10.325	98	926601	28.239	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.960%			
43) trans-1,3-Dichloroprop...	10.575	79	126606	26.857	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.440%			
47) 2-Hexanone-d5	10.922	63	100966	43.986	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	243011	24.395	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.560%			
66) 1,2-Dichlorobenzene-d4	13.854	152	266807	25.340	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	134475	19.620	ug/L	98
3) Chloromethane	2.222	50	208797	21.321	ug/L	99
5) Vinyl chloride	2.375	62	212831	20.622	ug/L	96
6) Bromomethane	2.783	94	121870	22.213	ug/L	97
8) Chloroethane	2.930	64	133384	23.113	ug/L	100
9) Trichlorofluoromethane	3.265	101	174862	22.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	204298	24.081	ug/L	99
12) 1,1-Dichloroethene	4.045	96	192379	23.635	ug/L	93
13) Acetone	4.118	43	114378	48.006	ug/L	100
14) Carbon disulfide	4.387	76	610499	21.396	ug/L	98
15) Methyl Acetate	4.661	43	117796	20.579	ug/L	99
16) Methylene chloride	4.917	84	236917	22.072	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	212541	24.422	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	318540	23.387	ug/L	99
19) 1,1-Dichloroethane	6.210	63	456899	26.259	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	238699	26.487	ug/L	98
22) 2-Butanone	7.167	43	169908	46.830	ug/L	98
23) Bromochloromethane	7.508	128	101041	26.175	ug/L	91
25) Chloroform	7.673	83	432404	27.123	ug/L	100

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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	303235	27.019	ug/L	100
29) Cyclohexane	7.953	56	401974	23.166	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	339209	24.834	ug/L	99
31) Carbon tetrachloride	8.069	117	312569	25.209	ug/L	99
33) Benzene	8.319	78	972446	25.324	ug/L	100
34) Trichloroethene	9.093	95	238046	24.134	ug/L	98
35) Methylcyclohexane	9.331	83	425828	24.043	ug/L	99
37) 1,2-Dichloropropane	9.367	63	267447	26.227	ug/L	99
38) Bromodichloromethane	9.642	83	311037	26.847	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	394791	26.891	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	332667	43.222	ug/L	99
42) Toluene	10.386	91	1005139	25.920	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	332041	26.817	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	179687	25.247	ug/L	97
46) Tetrachloroethene	10.861	164	169539	24.212	ug/L	99
48) 2-Hexanone	10.965	43	244181	45.459	ug/L	99
49) Dibromochloromethane	11.123	129	186063	26.402	ug/L	96
50) 1,2-Dibromoethane	11.233	107	162440	24.213	ug/L	96
51) Chlorobenzene	11.654	112	602935	25.359	ug/L	97
52) Ethylbenzene	11.727	91	1116475	25.861	ug/L	98
53) m,p-Xylene	11.837	106	414464	26.388	ug/L	98
54) o-Xylene	12.166	106	388832	26.375	ug/L	96
55) Styrene	12.178	104	703324	28.285	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	221129	23.675	ug/L	95
59) Bromoform	12.343	173	103341	22.784	ug/L	97
60) Isopropylbenzene	12.464	105	1081696	24.379	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	163922	21.163	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	890824	26.176	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	874187	25.909	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	461657	24.796	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	455946	24.555	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	413539	25.097	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	37014	20.077	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	289019	23.458	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	245823	24.313	ug/L	99
71) Naphthalene	15.360	128	492229	21.498	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	215073	22.596	ug/L	95

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

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