Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062123\
Data File : VW026291.D
Acq On : 21 Jun 2023 17:59
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Jun 22 01:36:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 22 01:33:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	633454	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	568009	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	286615	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	154852	17.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.520%			
7) Chloroethane-d5	2.893	69	156717	23.493	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.960%			
11) 1,1-Dichloroethene-d2	4.021	65	83508	19.005	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.000%			
21) 2-Butanone-d5	7.075	46	174464	67.246	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.500%			
24) Chloroform-d	7.648	84	443676	23.918	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.680%			
26) 1,2-Dichloroethane-d4	8.307	65	246187	24.271	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.080%			
32) Benzene-d6	8.270	84	836280	21.880	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.520%			
36) 1,2-Dichloropropane-d6	9.270	67	282590	23.338	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.360%			
41) Toluene-d8	10.319	98	705819	20.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.280%			
43) trans-1,3-Dichloroprop...	10.575	79	96674	20.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.600%			
47) 2-Hexanone-d5	10.922	63	119470	62.573	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.140%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	254845	28.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	239195	21.804	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	143500	18.480	ug/L	99
3) Chloromethane	2.222	50	229011	23.000	ug/L	97
5) Vinyl chloride	2.375	62	241938	22.732	ug/L	98
6) Bromomethane	2.783	94	137843	23.757	ug/L	100
8) Chloroethane	2.930	64	153107	26.621	ug/L	98
9) Trichlorofluoromethane	3.265	101	171541	25.053	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	205795	23.819	ug/L	98
12) 1,1-Dichloroethene	4.051	96	185241	22.968	ug/L #	73
13) Acetone	4.112	43	94074	46.862	ug/L	99
14) Carbon disulfide	4.387	76	569830	20.014	ug/L	100
15) Methyl Acetate	4.667	43	128340	28.485	ug/L	100
16) Methylene chloride	4.917	84	218843	21.645	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	211233	23.343	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	340372	23.866	ug/L	99
19) 1,1-Dichloroethane	6.216	63	457134	24.814	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	232299	24.235	ug/L	94
22) 2-Butanone	7.167	43	165543	57.809	ug/L	98
23) Bromochloromethane	7.514	128	99247	24.279	ug/L	95
25) Chloroform	7.673	83	424828	24.759	ug/L	99

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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	295546	24.974	ug/L	100
29) Cyclohexane	7.959	56	386713	22.052	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	331402	24.042	ug/L	98
31) Carbon tetrachloride	8.069	117	299183	23.785	ug/L	99
33) Benzene	8.325	78	931740	23.946	ug/L	100
34) Trichloroethene	9.093	95	231506	23.235	ug/L	97
35) Methylcyclohexane	9.337	83	389780	22.108	ug/L	99
37) 1,2-Dichloropropane	9.368	63	260575	24.725	ug/L	100
38) Bromodichloromethane	9.642	83	298056	24.343	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	355555	22.957	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	362229	58.297	ug/L	100
42) Toluene	10.386	91	975710	24.516	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	305322	23.663	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	175445	25.259	ug/L	98
46) Tetrachloroethene	10.861	164	155846	22.114	ug/L	93
48) 2-Hexanone	10.965	43	256425	58.530	ug/L	97
49) Dibromochloromethane	11.129	129	176238	24.200	ug/L	90
50) 1,2-Dibromoethane	11.233	107	161322	25.084	ug/L	99
51) Chlorobenzene	11.654	112	597248	23.948	ug/L	98
52) Ethylbenzene	11.727	91	1084161	24.149	ug/L	98
53) m,p-Xylene	11.837	106	404928	24.245	ug/L	99
54) o-Xylene	12.166	106	378788	24.029	ug/L	95
55) Styrene	12.178	104	666686	24.652	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	225567	26.834	ug/L	97
59) Bromoform	12.349	173	101420	23.559	ug/L	97
60) Isopropylbenzene	12.458	105	1070509	23.776	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164891	25.684	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	832787	23.267	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	775784	23.664	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	436270	23.045	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	445573	23.378	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	392988	23.117	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	36726	24.691	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	265079	20.384	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	216885	20.212	ug/L	97
71) Naphthalene	15.360	128	454076	23.742	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	205822	21.947	ug/L	99

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

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