Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
Data File : VW026327.D
Acq On : 26 Jun 2023 10:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Quant Time: Jun 26 11:06:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 23 23:07:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	602124	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	550715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131627	15.539	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.160%			
7) Chloroethane-d5	2.893	69	134753	21.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.000%			
11) 1,1-Dichloroethene-d2	4.021	65	67961	16.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.080%			
21) 2-Butanone-d5	7.075	46	152308	61.761	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.520%			
24) Chloroform-d	7.648	84	401004	22.742	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.960%			
26) 1,2-Dichloroethane-d4	8.301	65	218992	22.713	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.840%			
32) Benzene-d6	8.270	84	709161	19.137	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 76.560%			
36) 1,2-Dichloropropane-d6	9.270	67	251378	21.412	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.640%			
41) Toluene-d8	10.325	98	590507	17.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.880%			
43) trans-1,3-Dichloroprop...	10.575	79	88498	19.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.080%			
47) 2-Hexanone-d5	10.922	63	102504	55.373	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.740%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232573	27.224	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	211620	19.734	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	155320	21.042	ug/L	100
3) Chloromethane	2.223	50	208649	22.046	ug/L	97
5) Vinyl chloride	2.375	62	234228	23.153	ug/L	100
6) Bromomethane	2.789	94	128539	23.307	ug/L	96
8) Chloroethane	2.930	64	145348	26.587	ug/L	97
9) Trichlorofluoromethane	3.265	101	176257	27.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	206645	25.162	ug/L	96
12) 1,1-Dichloroethene	4.039	96	176607	23.037	ug/L	87
13) Acetone	4.125	43	96159	50.393	ug/L	99
14) Carbon disulfide	4.387	76	505743	18.687	ug/L	100
15) Methyl Acetate	4.673	43	109190	25.496	ug/L	99
16) Methylene chloride	4.917	84	220430	22.937	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	192802	22.415	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	312784	23.073	ug/L	98
19) 1,1-Dichloroethane	6.216	63	433448	24.753	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	221203	24.279	ug/L	98
22) 2-Butanone	7.167	43	144378	53.041	ug/L	99
23) Bromochloromethane	7.514	128	91479	23.543	ug/L	95
25) Chloroform	7.679	83	411506	25.230	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	283434	25.197	ug/L	97
29) Cyclohexane	7.959	56	350778	20.631	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	322199	24.109	ug/L	98
31) Carbon tetrachloride	8.069	117	283739	23.266	ug/L	99
33) Benzene	8.325	78	882101	23.382	ug/L	100
34) Trichloroethene	9.087	95	216916	22.455	ug/L	93
35) Methylcyclohexane	9.337	83	367278	21.486	ug/L	99
37) 1,2-Dichloropropane	9.368	63	253480	24.807	ug/L	100
38) Bromodichloromethane	9.642	83	291585	24.562	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	350206	23.322	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	309099	51.309	ug/L	99
42) Toluene	10.386	91	910311	23.591	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	300399	24.013	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	166662	24.748	ug/L	97
46) Tetrachloroethene	10.861	164	156976	22.974	ug/L	95
48) 2-Hexanone	10.965	43	211874	49.879	ug/L	97
49) Dibromochloromethane	11.129	129	179039	25.357	ug/L	88
50) 1,2-Dibromoethane	11.233	107	150693	24.167	ug/L	98
51) Chlorobenzene	11.654	112	565721	23.396	ug/L	98
52) Ethylbenzene	11.727	91	1025025	23.549	ug/L	99
53) m,p-Xylene	11.837	106	375335	23.179	ug/L	99
54) o-Xylene	12.166	106	360143	23.564	ug/L	97
55) Styrene	12.178	104	646550	24.658	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	206552	25.344	ug/L	96
59) Bromoform	12.349	173	97102	23.075	ug/L	100
60) Isopropylbenzene	12.458	105	991058	22.518	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	150794	24.028	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	803989	22.979	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	728190	22.724	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	425102	22.972	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	431096	23.139	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	385411	23.193	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	33128	22.784	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	274670	21.607	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	231625	22.082	ug/L	95
71) Naphthalene	15.360	128	422293	22.589	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	194986	21.270	ug/L	93

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

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