Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025860.D
Acq On : 04 May 2023 21:21
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025595

Quant Time: May 04 23:22:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 04 23:16:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	569152	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	514027	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	213212	26.436	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.760%			
7) Chloroethane-d5	2.893	69	168638	28.203	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.800%			
11) 1,1-Dichloroethene-d2	4.027	65	100960	24.999	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.000%			
21) 2-Butanone-d5	7.075	46	133947	50.237	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.480%			
24) Chloroform-d	7.648	84	439326	26.769	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.080%			
26) 1,2-Dichloroethane-d4	8.307	65	240798	25.947	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.800%			
32) Benzene-d6	8.276	84	888488	26.453	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.800%			
36) 1,2-Dichloropropane-d6	9.276	67	284556	26.479	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.920%			
41) Toluene-d8	10.325	98	789084	26.346	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.400%			
43) trans-1,3-Dichloroprop...	10.575	79	109695	25.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.720%			
47) 2-Hexanone-d5	10.922	63	96452	52.634	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.260%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217769	26.587	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.360%			
66) 1,2-Dichlorobenzene-d4	13.848	152	236730	25.349	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	171342	26.946	ug/L #	83
3) Chloromethane	2.222	50	239413	25.536	ug/L	99
5) Vinyl chloride	2.375	62	237649	24.489	ug/L	97
6) Bromomethane	2.789	94	134434	25.470	ug/L	94
8) Chloroethane	2.936	64	143966	26.090	ug/L	96
9) Trichlorofluoromethane	3.265	101	165098	22.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	199189	25.009	ug/L	97
12) 1,1-Dichloroethene	4.045	96	182391	23.961	ug/L	91
13) Acetone	4.118	43	91277	38.608	ug/L	100
14) Carbon disulfide	4.393	76	607247	23.590	ug/L	99
15) Methyl Acetate	4.673	43	112295	24.103	ug/L	98
16) Methylene chloride	4.917	84	223262	19.021	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	200787	24.180	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	309052	24.522	ug/L	99
19) 1,1-Dichloroethane	6.216	63	426196	24.981	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	217038	24.362	ug/L	98
22) 2-Butanone	7.167	43	144563	44.283	ug/L	99
23) Bromochloromethane	7.514	128	92654	24.550	ug/L	95
25) Chloroform	7.679	83	398419	25.408	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Thu May 04 23:16:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	277738	24.940	ug/L	99
29) Cyclohexane	7.953	56	379135	23.801	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	306485	24.380	ug/L	99
31) Carbon tetrachloride	8.069	117	270817	23.938	ug/L	100
33) Benzene	8.325	78	890398	25.037	ug/L	100
34) Trichloroethene	9.093	95	219360	24.038	ug/L	95
35) Methylcyclohexane	9.337	83	385835	23.772	ug/L	99
37) 1,2-Dichloropropane	9.368	63	241959	24.833	ug/L	100
38) Bromodichloromethane	9.642	83	278457	24.911	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	344388	24.102	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	318088	50.155	ug/L	99
42) Toluene	10.386	91	915678	25.199	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	289867	24.483	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160703	24.657	ug/L	97
46) Tetrachloroethene	10.861	164	156200	24.330	ug/L	94
48) 2-Hexanone	10.965	43	219500	48.312	ug/L	99
49) Dibromochloromethane	11.129	129	163077	24.168	ug/L	94
50) 1,2-Dibromoethane	11.233	107	146743	24.423	ug/L	99
51) Chlorobenzene	11.654	112	559213	24.842	ug/L	96
52) Ethylbenzene	11.727	91	1026558	25.114	ug/L	99
53) m,p-Xylene	11.837	106	378495	25.159	ug/L	98
54) o-Xylene	12.166	106	365326	25.764	ug/L	89
55) Styrene	12.178	104	630613	25.983	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	198733	24.437	ug/L	99
59) Bromoform	12.349	173	90624	23.883	ug/L	98
60) Isopropylbenzene	12.465	105	995042	25.553	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	146899	24.263	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	799739	25.930	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	726045	25.510	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	413012	24.638	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	412235	24.341	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	368489	24.649	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	31866	22.698	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255737	22.983	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	209070	22.427	ug/L	97
71) Naphthalene	15.360	128	435344	24.743	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	196752	23.787	ug/L	97

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

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