Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026384.D
Acq On : 28 Jun 2023 04:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Quant Time: Jun 28 05:58:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 28 05:31:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	825329	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	723969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	347242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	283762	23.666	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.680%			
7) Chloroethane-d5	2.899	69	228700	26.832	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.320%			
11) 1,1-Dichloroethene-d2	4.021	65	135177	24.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.600%			
21) 2-Butanone-d5	7.075	46	164400	43.627	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.260%			
24) Chloroform-d	7.648	84	550648	23.545	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	8.307	65	317193	24.138	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.560%			
32) Benzene-d6	8.276	84	1092946	24.390	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.560%			
36) 1,2-Dichloropropane-d6	9.276	67	346232	23.778	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.120%			
41) Toluene-d8	10.325	98	982876	25.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.240%			
43) trans-1,3-Dichloroprop...	10.575	79	138835	23.747	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.000%			
47) 2-Hexanone-d5	10.922	63	107962	48.277	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.560%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	258609	22.558	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	304002	25.144	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	227334	22.915	ug/L	90
3) Chloromethane	2.222	50	323046	22.519	ug/L	100
5) Vinyl chloride	2.375	62	328591	22.030	ug/L	98
6) Bromomethane	2.789	94	199348	24.350	ug/L	99
8) Chloroethane	2.936	64	205564	25.702	ug/L	97
9) Trichlorofluoromethane	3.265	101	220192	20.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	242771	21.315	ug/L	95
12) 1,1-Dichloroethene	4.045	96	240166	22.505	ug/L	86
13) Acetone	4.118	43	104864	34.767	ug/L	95
14) Carbon disulfide	4.393	76	804936	21.346	ug/L	99
15) Methyl Acetate	4.667	43	163439	23.637	ug/L	99
16) Methylene chloride	4.917	84	297923	21.331	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	268903	22.926	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	478185	26.066	ug/L	98
19) 1,1-Dichloroethane	6.216	63	553454	22.530	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	296474	23.390	ug/L	97
22) 2-Butanone	7.167	43	173506	37.596	ug/L	97
23) Bromochloromethane	7.514	128	122336	22.501	ug/L	95
25) Chloroform	7.679	83	522679	22.958	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Wed Jun 28 05:31:59 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	378860	23.146	ug/L	97
29) Cyclohexane	7.959	56	501686	23.998	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	410550	23.442	ug/L	99
31) Carbon tetrachloride	8.069	117	369869	23.493	ug/L	96
33) Benzene	8.325	78	1144239	23.398	ug/L	100
34) Trichloroethene	9.093	95	291369	23.271	ug/L	97
35) Methylcyclohexane	9.337	83	508480	23.681	ug/L	99
37) 1,2-Dichloropropane	9.367	63	308369	22.570	ug/L	99
38) Bromodichloromethane	9.642	83	373310	23.793	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	460215	23.510	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	415466	47.111	ug/L	99
42) Toluene	10.386	91	1195980	24.379	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	385633	23.339	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	211064	23.072	ug/L	98
46) Tetrachloroethene	10.861	164	199649	22.633	ug/L	96
48) 2-Hexanone	10.965	43	268921	43.217	ug/L	99
49) Dibromochloromethane	11.129	129	220627	23.554	ug/L	99
50) 1,2-Dibromoethane	11.233	107	200791	23.907	ug/L	98
51) Chlorobenzene	11.654	112	734060	23.459	ug/L	99
52) Ethylbenzene	11.727	91	1383498	25.028	ug/L	95
53) m,p-Xylene	11.837	106	500686	24.836	ug/L	97
54) o-Xylene	12.166	106	487141	25.664	ug/L	97
55) Styrene	12.178	104	826266	24.958	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	245172	21.441	ug/L	99
59) Bromoform	12.349	173	119832	22.812	ug/L	98
60) Isopropylbenzene	12.458	105	1337975	25.637	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	192852	22.847	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1116872	27.607	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1061394	27.202	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543443	24.312	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	525450	23.489	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	475759	23.897	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	43958	22.595	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	345730	24.070	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	290627	24.724	ug/L	97
71) Naphthalene	15.360	128	648394	27.440	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	252095	22.970	ug/L	97

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

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