Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111822\
Data File : VW025086.D
Acq On : 18 Nov 2022 08:31
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025503

Quant Time: Nov 19 04:30:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 17 23:58:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	425016	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	371860	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104682	21.944	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.760%			
7) Chloroethane-d5	2.891	69	84204	30.131	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.520%			
11) 1,1-Dichloroethene-d2	4.019	63	270321	22.748	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.000%			
21) 2-Butanone-d5	7.080	46	70875	44.020	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.040%			
24) Chloroform-d	7.653	84	322089	24.971	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.880%			
26) 1,2-Dichloroethane-d4	8.305	65	154221	21.360	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.440%			
32) Benzene-d6	8.275	84	636743	26.715	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.840%			
36) 1,2-Dichloropropane-d6	9.274	67	191018	27.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.400%			
41) Toluene-d8	10.323	98	561349	25.297	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	10.579	79	70175	22.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.640%			
47) 2-Hexanone-d5	10.920	63	56216	46.599	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.200%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136952	24.560	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	181467	25.883	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	24946	17.597	ug/L	100
3) Chloromethane	2.215	50	97618	28.630	ug/L	99
5) Vinyl chloride	2.361	62	140063	29.730	ug/L	95
6) Bromomethane	2.782	94	67474	28.700	ug/L	96
8) Chloroethane	2.922	64	66611	33.895	ug/L	100
9) Trichlorofluoromethane	3.263	101	105442	26.680	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	147125	26.288	ug/L	99
12) 1,1-Dichloroethene	4.044	96	139476	26.455	ug/L	86
13) Acetone	4.129	43	51236	44.795	ug/L	100
14) Carbon disulfide	4.385	76	364916	23.695	ug/L	99
15) Methyl Acetate	4.678	43	49556	21.762	ug/L	99
16) Methylene chloride	4.921	84	150262	19.912	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	146192	25.896	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	216584	22.871	ug/L	98
19) 1,1-Dichloroethane	6.220	63	286990	27.458	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	161895	26.311	ug/L	96
22) 2-Butanone	7.177	43	67746	39.533	ug/L	99
23) Bromochloromethane	7.519	128	65876	24.696	ug/L	94
25) Chloroform	7.677	83	291481	26.424	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	168948	22.580	ug/L	98
29) Cyclohexane	7.957	56	243977	27.786	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	242086	26.603	ug/L	99
31) Carbon tetrachloride	8.067	117	216860	26.669	ug/L	99
33) Benzene	8.323	78	637959	28.489	ug/L	100
34) Trichloroethene	9.091	95	164385	27.731	ug/L	96
35) Methylcyclohexane	9.335	83	276436	27.444	ug/L	99
37) 1,2-Dichloropropane	9.366	63	158025	29.075	ug/L	100
38) Bromodichloromethane	9.646	83	206922	27.279	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	238520	27.760	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144909	45.434	ug/L	99
42) Toluene	10.384	91	673898	28.346	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	193840	25.376	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	107580	26.216	ug/L	97
46) Tetrachloroethene	10.866	164	117647	27.751	ug/L	95
48) 2-Hexanone	10.969	43	100051	45.359	ug/L	99
49) Dibromochloromethane	11.128	129	127224	25.433	ug/L	97
50) 1,2-Dibromoethane	11.237	107	95495	24.605	ug/L	94
51) Chlorobenzene	11.658	112	420799	27.307	ug/L	97
52) Ethylbenzene	11.731	91	774919	28.238	ug/L	99
53) m,p-Xylene	11.835	106	296940	27.954	ug/L	94
54) o-Xylene	12.164	106	284540	28.393	ug/L	99
55) Styrene	12.176	104	487247	27.993	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	121060	24.591	ug/L	96
59) Bromoform	12.353	173	63279	24.523	ug/L	95
60) Isopropylbenzene	12.463	105	789553	28.785	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86049	23.476	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	677687	28.462	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	659165	28.232	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	313635	27.416	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	323516	28.341	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	289008	28.097	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17326	20.455	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	212350	28.025	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	165663	28.129	ug/L	97
71) Naphthalene	15.359	128	295513	23.786	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	130897	25.509	ug/L	97

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

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