Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020723\
Data File : VW025300.D
Acq On : 07 Feb 2023 10:23
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: Feb 07 20:09:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 07 00:17:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	274052	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	240501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	119564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	51254	19.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.320%			
7) Chloroethane-d5	2.897	69	43665	18.544	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.160%			
11) 1,1-Dichloroethene-d2	4.025	63	162047	22.037	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.160%			
21) 2-Butanone-d5	7.080	46	29680	43.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.220%			
24) Chloroform-d	7.647	84	170004	23.668	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.680%			
26) 1,2-Dichloroethane-d4	8.305	65	90500	25.865	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.480%			
32) Benzene-d6	8.275	84	306233	21.009	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.040%			
36) 1,2-Dichloropropane-d6	9.274	67	85414	20.027	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.120%			
41) Toluene-d8	10.323	98	284583	21.841	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.360%			
43) trans-1,3-Dichloroprop...	10.573	79	38609	24.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.920%			
47) 2-Hexanone-d5	10.926	63	23322	48.772	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.540%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	61558	21.225	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	93098	22.443	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	90442	24.389	ug/L	91
3) Chloromethane	2.227	50	69176	19.434	ug/L	98
5) Vinyl chloride	2.373	62	80458	22.194	ug/L	95
6) Bromomethane	2.788	94	53012	21.357	ug/L	98
8) Chloroethane	2.934	64	46783	20.672	ug/L	96
9) Trichlorofluoromethane	3.269	101	119918	22.997	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	95371	25.223	ug/L	95
12) 1,1-Dichloroethene	4.044	96	91406	24.353	ug/L	94
13) Acetone	4.129	43	34034	44.835	ug/L	99
14) Carbon disulfide	4.385	76	286493	23.357	ug/L	99
15) Methyl Acetate	4.672	43	28667	22.070	ug/L	97
16) Methylene chloride	4.915	84	94178	20.187	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	96443	23.926	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	141556	24.429	ug/L	98
19) 1,1-Dichloroethane	6.220	63	173551	24.180	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	104705	24.739	ug/L	100
22) 2-Butanone	7.171	43	39340	42.617	ug/L	96
23) Bromochloromethane	7.512	128	42695	24.490	ug/L	94
25) Chloroform	7.677	83	194464	26.339	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	8.396	62	128225	28.516	ug/L	98
29) Cyclohexane	7.957	56	151025	21.806	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	179985	26.384	ug/L	99
31) Carbon tetrachloride	8.067	117	166695	26.419	ug/L	99
33) Benzene	8.323	78	390175	23.443	ug/L	100
34) Trichloroethene	9.091	95	110642	23.734	ug/L	98
35) Methylcyclohexane	9.335	83	183998	22.112	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90323	22.004	ug/L	99
38) Bromodichloromethane	9.646	83	135786	24.878	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	158500	23.583	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	79553	43.894	ug/L	99
42) Toluene	10.384	91	428341	25.881	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	134036	27.978	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	68730	26.567	ug/L	98
46) Tetrachloroethene	10.866	164	82988	27.855	ug/L	92
48) 2-Hexanone	10.963	43	56376	49.272	ug/L	98
49) Dibromochloromethane	11.128	129	84798	29.021	ug/L	94
50) 1,2-Dibromoethane	11.231	107	63383	26.746	ug/L	99
51) Chlorobenzene	11.658	112	271463	24.923	ug/L	98
52) Ethylbenzene	11.731	91	501088	25.269	ug/L	100
53) m,p-Xylene	11.835	106	191516	25.483	ug/L	95
54) o-Xylene	12.164	106	179589	23.738	ug/L	100
55) Styrene	12.176	104	306273	23.909	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	71528	23.205	ug/L	99
59) Bromoform	12.347	173	44943	26.494	ug/L	99
60) Isopropylbenzene	12.463	105	523345	25.846	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	53977	25.391	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433621	26.563	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	427324	26.125	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	213384	25.436	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	213765	25.822	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	182458	25.238	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	12867	25.915	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	146689	26.888	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	121653	27.385	ug/L	98
71) Naphthalene	15.359	128	217023	26.725	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	99723	26.145	ug/L	97

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

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