Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101122\
Data File : VW024838.D
Acq On : 11 Oct 2022 09:48
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: Oct 12 01:13:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	520758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	467146	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	233670	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	150995	27.713	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.840%			
7) Chloroethane-d5	2.885	69	86004	27.163	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.640%			
11) 1,1-Dichloroethene-d2	4.019	63	328899	26.081	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.320%			
21) 2-Butanone-d5	7.074	46	97818	49.936	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.880%			
24) Chloroform-d	7.647	84	349602	25.112	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.440%			
26) 1,2-Dichloroethane-d4	8.305	65	179755	24.890	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.560%			
32) Benzene-d6	8.275	84	727579	24.368	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.480%			
36) 1,2-Dichloropropane-d6	9.275	67	216922	23.778	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.120%			
41) Toluene-d8	10.323	98	660115	24.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.960%			
43) trans-1,3-Dichloroprop...	10.579	79	88197	21.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.840%			
47) 2-Hexanone-d5	10.921	63	77652	49.749	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.500%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	167631	25.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.160%			
66) 1,2-Dichlorobenzene-d4	13.853	152	197667	24.040	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	53072	16.600	ug/L #	88
3) Chloromethane	2.221	50	119278	19.158	ug/L	98
5) Vinyl chloride	2.361	62	179597	28.055	ug/L	98
6) Bromomethane	2.776	94	82621	27.965	ug/L	98
8) Chloroethane	2.922	64	70197	26.010	ug/L	98
9) Trichlorofluoromethane	3.263	101	93652	26.150	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	181895	26.629	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	170342	25.004	ug/L	95
13) Acetone	4.123	43	76103	53.249	ug/L	96
14) Carbon disulfide	4.385	76	512499	23.830	ug/L	99
15) Methyl Acetate	4.672	43	81505	25.755	ug/L #	78
16) Methylene chloride	4.922	84	192339	18.807	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	182709	23.870	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	285727	23.543	ug/L	99
19) 1,1-Dichloroethane	6.220	63	346702	24.210	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	200121	24.366	ug/L	98
22) 2-Butanone	7.171	43	111829	48.919	ug/L	99
23) Bromochloromethane	7.513	128	82073	24.587	ug/L	96
25) Chloroform	7.677	83	344653	25.380	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	216422	25.327	ug/L	100
29) Cyclohexane	7.952	56	330775	22.734	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	270483	23.928	ug/L	98
31) Carbon tetrachloride	8.067	117	233977	24.443	ug/L	98
33) Benzene	8.323	78	778590	23.813	ug/L	100
34) Trichloroethene	9.092	95	198619	23.967	ug/L	98
35) Methylcyclohexane	9.335	83	352960	23.234	ug/L	99
37) 1,2-Dichloropropane	9.366	63	196711	24.370	ug/L	99
38) Bromodichloromethane	9.640	83	249306	25.109	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	295516	23.152	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	241689	50.586	ug/L	100
42) Toluene	10.384	91	812967	24.078	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	248467	22.704	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	140890	25.554	ug/L	97
46) Tetrachloroethene	10.866	164	134631	23.910	ug/L	86
48) 2-Hexanone	10.969	43	165184	51.129	ug/L	99
49) Dibromochloromethane	11.122	129	152685	24.593	ug/L	95
50) 1,2-Dibromoethane	11.232	107	129837	24.879	ug/L	99
51) Chlorobenzene	11.652	112	504402	24.399	ug/L	97
52) Ethylbenzene	11.731	91	923318	24.827	ug/L	97
53) m,p-Xylene	11.835	106	354692	24.423	ug/L	96
54) o-Xylene	12.164	106	326372	23.798	ug/L	82
55) Styrene	12.176	104	580194	25.096	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	172716	26.755	ug/L	98
59) Bromoform	12.347	173	78477	23.759	ug/L	100
60) Isopropylbenzene	12.463	105	921634	24.200	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	125905	25.014	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	792852	23.952	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	779125	24.027	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	375351	24.260	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	369326	24.521	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	332325	24.660	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	27651	23.230	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	251220	24.454	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	193705	22.444	ug/L	98
71) Naphthalene	15.359	128	451259	24.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	175056	23.833	ug/L	95

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

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