Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023640.D
Acq On : 13 Jul 2022 10:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025599

Quant Time: Jul 13 11:37:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 13 02:42:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	243934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	248144	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112774	25.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.160%			
7) Chloroethane-d5	2.879	69	80793	31.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.960%			
11) 1,1-Dichloroethene-d2	4.019	63	108129	21.720	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.880%			
21) 2-Butanone-d5	7.080	46	37273	40.648	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.300%			
24) Chloroform-d	7.647	84	148045	21.307	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.240%			
26) 1,2-Dichloroethane-d4	8.305	65	86079	21.919	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.680%			
32) Benzene-d6	8.275	84	274458	19.990	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 79.960%			
36) 1,2-Dichloropropane-d6	9.274	67	78634	19.562	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 78.240%			
41) Toluene-d8	10.323	98	270769	20.346	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.400%			
43) trans-1,3-Dichloroprop...	10.573	79	36996	20.618	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.480%			
47) 2-Hexanone-d5	10.920	63	33525	42.643	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.280%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91587	22.966	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.880%			
66) 1,2-Dichlorobenzene-d4	13.847	152	108868	21.127	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	47898	32.827	ug/L	96
3) Chloromethane	2.215	50	87228	25.815	ug/L	100
5) Vinyl chloride	2.355	62	158948	28.936	ug/L	99
6) Bromomethane	2.769	94	98245	30.980	ug/L	96
8) Chloroethane	2.916	64	73111	35.230	ug/L	93
9) Trichlorofluoromethane	3.245	101	81267	37.084	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	74301	21.357	ug/L	99
12) 1,1-Dichloroethene	4.037	96	62009	21.377	ug/L	94
13) Acetone	4.123	43	27008	39.964	ug/L	99
14) Carbon disulfide	4.385	76	169133	19.584	ug/L	99
15) Methyl Acetate	4.665	43	30647	19.320	ug/L	97
16) Methylene chloride	4.921	84	74107	17.914	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	72771	20.842	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	111751	21.678	ug/L	97
19) 1,1-Dichloroethane	6.208	63	135937	22.195	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	80856	21.144	ug/L	87
22) 2-Butanone	7.171	43	46256	38.146	ug/L	95
23) Bromochloromethane	7.512	128	37552	19.734	ug/L #	94
25) Chloroform	7.677	83	155806	22.396	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	108929	23.137	ug/L	99
29) Cyclohexane	7.951	56	115981	22.468	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	131372	22.268	ug/L	99
31) Carbon tetrachloride	8.067	117	119424	21.850	ug/L	100
33) Benzene	8.323	78	334114	21.443	ug/L	100
34) Trichloroethene	9.091	95	84627	20.838	ug/L	95
35) Methylcyclohexane	9.335	83	145656	22.294	ug/L	99
37) 1,2-Dichloropropane	9.372	63	81047	21.515	ug/L	99
38) Bromodichloromethane	9.646	83	119250	22.421	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	126260	21.973	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	108720	43.351	ug/L	96
42) Toluene	10.384	91	399397	23.493	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	121981	23.024	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	69655	21.482	ug/L	98
46) Tetrachloroethene	10.859	164	70209	21.994	ug/L	97
48) 2-Hexanone	10.969	43	78597	44.235	ug/L	98
49) Dibromochloromethane	11.128	129	82415	21.351	ug/L	100
50) 1,2-Dibromoethane	11.237	107	67420	21.062	ug/L	97
51) Chlorobenzene	11.652	112	254815	22.014	ug/L	95
52) Ethylbenzene	11.725	91	460056	23.967	ug/L	100
53) m,p-Xylene	11.835	106	178485	23.969	ug/L	100
54) o-Xylene	12.164	106	174520	24.473	ug/L	84
55) Styrene	12.176	104	311263	25.100	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	94639	22.684	ug/L	99
59) Bromoform	12.347	173	46150	19.316	ug/L	97
60) Isopropylbenzene	12.463	105	493021	23.885	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66926	20.613	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	413207	24.140	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	417910	24.406	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	210050	21.513	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	216884	21.901	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	195595	21.723	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	14760	19.291	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	140443	22.168	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	107674	21.034	ug/L	96
71) Naphthalene	15.365	128	230830	20.890	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	98951	20.854	ug/L	97

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

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