Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
Data File : VW024607.D
Acq On : 12 Sep 2022 18:26
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025569

Quant Time: Sep 13 03:14:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 13 02:43:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	218329	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	251960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	145360	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	140080	31.076	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.320%			
7) Chloroethane-d5	2.873	69	108221	32.289	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 129.160%			
11) 1,1-Dichloroethene-d2	4.013	63	99857	20.997	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.000%			
21) 2-Butanone-d5	7.086	46	39584	54.436	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.880%			
24) Chloroform-d	7.647	84	140212	25.215	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.880%			
26) 1,2-Dichloroethane-d4	8.305	65	91682	29.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.960%			
32) Benzene-d6	8.275	84	272803	22.011	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.040%			
36) 1,2-Dichloropropane-d6	9.274	67	80078	21.914	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.640%			
41) Toluene-d8	10.323	98	286055	23.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.720%			
43) trans-1,3-Dichloroprop...	10.579	79	38040	23.229	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.920%			
47) 2-Hexanone-d5	10.926	63	37667	56.079	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.160%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104611	29.869	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	119227	25.896	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	25078	23.984	ug/L	91
3) Chloromethane	2.209	50	113079	34.773	ug/L	99
5) Vinyl chloride	2.349	62	174623	31.851	ug/L	96
6) Bromomethane	2.763	94	119875	33.540	ug/L	92
8) Chloroethane	2.910	64	97008	32.524	ug/L	94
9) Trichlorofluoromethane	3.239	101	71759	22.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	58661	20.087	ug/L #	87
12) 1,1-Dichloroethene	4.031	96	49164	19.696	ug/L	97
13) Acetone	4.129	43	26893	43.467	ug/L	94
14) Carbon disulfide	4.379	76	127269	19.270	ug/L	100
15) Methyl Acetate	4.672	43	33643	25.727	ug/L	95
16) Methylene chloride	4.909	84	66818	20.510	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	61678	21.572	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	124013	24.355	ug/L	96
19) 1,1-Dichloroethane	6.214	63	121702	23.395	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	75340m	23.484	ug/L	
22) 2-Butanone	7.171	43	49454	49.416	ug/L	92
23) Bromochloromethane	7.512	128	33645	22.907	ug/L	89
25) Chloroform	7.671	83	143541	24.839	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Tue Sep 13 02:43:10 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	113818	29.302	ug/L	96
29) Cyclohexane	7.951	56	93007	19.067	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	109011	19.728	ug/L	97
31) Carbon tetrachloride	8.067	117	94660	18.756	ug/L	96
33) Benzene	8.323	78	332417	23.245	ug/L	100
34) Trichloroethene	9.091	95	76368	20.447	ug/L	95
35) Methylcyclohexane	9.335	83	119689	20.030	ug/L	97
37) 1,2-Dichloropropane	9.366	63	86735	24.285	ug/L	100
38) Bromodichloromethane	9.640	83	119705	23.714	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	120198	23.017	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	127230	54.002	ug/L	98
42) Toluene	10.384	91	408621	25.918	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	123979	25.135	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	74863	25.080	ug/L	97
46) Tetrachloroethene	10.859	164	60769	22.082	ug/L	89
48) 2-Hexanone	10.969	43	94583	58.541	ug/L	98
49) Dibromochloromethane	11.128	129	91533	26.231	ug/L	94
50) 1,2-Dibromoethane	11.231	107	72310	24.960	ug/L	98
51) Chlorobenzene	11.658	112	273334	25.096	ug/L	95
52) Ethylbenzene	11.731	91	474476	26.507	ug/L	92
53) m,p-Xylene	11.835	106	187292	26.781	ug/L	90
54) o-Xylene	12.164	106	186159	27.959	ug/L	99
55) Styrene	12.176	104	350612	29.915	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	111687	29.555	ug/L	92
59) Bromoform	12.353	173	55143	26.099	ug/L	97
60) Isopropylbenzene	12.463	105	512979	26.065	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	79700	26.502	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	421555	25.794	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	429557	26.408	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	224717	25.341	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	235465	25.191	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	221206	26.749	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17834	25.064	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	138440	24.035	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	107340	23.485	ug/L	96
71) Naphthalene	15.359	128	274724	27.169	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	100548	23.647	ug/L	93

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

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