Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041322\
Data File : VW022521.D
Acq On : 13 Apr 2022 10:17
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Quant Time: Apr 14 01:22:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 12 23:30:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	360500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	350775	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132869	16.672	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.680%			
7) Chloroethane-d5	2.885	69	95875	19.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.800%			
11) 1,1-Dichloroethene-d2	4.019	63	206232	19.951	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.800%			
21) 2-Butanone-d5	7.073	46	72034	51.772	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.540%			
24) Chloroform-d	7.646	84	272056	24.144	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.560%			
26) 1,2-Dichloroethane-d4	8.305	65	149172	23.170	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.680%			
32) Benzene-d6	8.268	84	470781	21.967	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.880%			
36) 1,2-Dichloropropane-d6	9.274	67	146241	23.580	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.320%			
41) Toluene-d8	10.323	98	453626	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.440%			
43) trans-1,3-Dichloroprop...	10.573	79	65225	22.284	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.120%			
47) 2-Hexanone-d5	10.920	63	61716	53.486	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.980%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140420	26.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	181843	25.842	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	48157	27.251	ug/L	96
3) Chloromethane	2.221	50	93640	21.253	ug/L	98
5) Vinyl chloride	2.361	62	207064	22.523	ug/L	94
6) Bromomethane	2.781	94	128773	23.041	ug/L	99
8) Chloroethane	2.922	64	95684	23.773	ug/L	100
9) Trichlorofluoromethane	3.257	101	89328	26.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	143054	26.468	ug/L	95
12) 1,1-Dichloroethene	4.037	96	129414	26.662	ug/L	90
13) Acetone	4.123	43	41945	44.277	ug/L	93
14) Carbon disulfide	4.385	76	362508	22.702	ug/L	98
15) Methyl Acetate	4.665	43	55697	23.429	ug/L	96
16) Methylene chloride	4.915	84	140990	25.991	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	146963	25.846	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	231443	24.923	ug/L	96
19) 1,1-Dichloroethane	6.214	63	259693	25.030	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	163429	27.213	ug/L #	90
22) 2-Butanone	7.171	43	68955	48.194	ug/L	93
23) Bromochloromethane	7.512	128	72863	28.192	ug/L	96
25) Chloroform	7.677	83	288457	26.397	ug/L	100

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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	189489	24.672	ug/L	#	95
29)	Cyclohexane	7.951	56	231144	23.024	ug/L		94
30)	1,1,1-Trichloroethane	7.872	97	251035	25.799	ug/L		96
31)	Carbon tetrachloride	8.067	117	229518	26.281	ug/L		97
33)	Benzene	8.323	78	601891	25.273	ug/L		100
34)	Trichloroethene	9.085	95	163960	25.712	ug/L		92
35)	Methylcyclohexane	9.335	83	277731	24.276	ug/L		95
37)	1,2-Dichloropropane	9.366	63	143940	25.229	ug/L		100
38)	Bromodichloromethane	9.646	83	211536	25.783	ug/L		98
39)	cis-1,3-Dichloropropene	10.067	75	237604	26.245	ug/L		97
40)	4-Methyl-2-pentanone	10.207	43	169162	48.584	ug/L	#	93
42)	Toluene	10.384	91	695855	25.499	ug/L		96
44)	trans-1,3-Dichloropropene	10.603	75	209001	25.782	ug/L		96
45)	1,1,2-Trichloroethane	10.786	97	116143	26.673	ug/L		99
46)	Tetrachloroethene	10.859	164	122232	26.077	ug/L		94
48)	2-Hexanone	10.963	43	119322	48.576	ug/L		97
49)	Dibromochloromethane	11.127	129	148566	28.609	ug/L		98
50)	1,2-Dibromoethane	11.231	107	115340	26.826	ug/L		100
51)	Chlorobenzene	11.652	112	441320	26.464	ug/L		96
52)	Ethylbenzene	11.725	91	782432	25.579	ug/L		96
53)	m,p-Xylene	11.835	106	309740	26.631	ug/L		92
54)	o-Xylene	12.164	106	298636	26.869	ug/L		94
55)	Styrene	12.182	104	502715	26.474	ug/L		93
57)	1,1,2,2-Tetrachloroethane	12.713	83	141318	26.442	ug/L		98
59)	Bromoform	12.347	173	75580	25.602	ug/L		98
60)	Isopropylbenzene	12.463	105	821598	24.896	ug/L		97
61)	1,2,3-Trichloropropane	12.767	75	102788	24.322	ug/L		96
62)	1,3,5-Trimethylbenzene	12.938	105	464335	25.584	ug/L		96
63)	1,2,4-Trimethylbenzene	13.249	105	703400	25.486	ug/L		96
64)	1,3-Dichlorobenzene	13.499	146	351442	26.240	ug/L		97
65)	1,4-Dichlorobenzene	13.572	146	356059	26.656	ug/L		99
67)	1,2-Dichlorobenzene	13.865	146	320596	26.765	ug/L		98
68)	1,2-Dibromo-3-chloropr...	14.481	75	23132	23.601	ug/L		92
69)	1,3,5-Trichlorobenzene	14.627	180	235846	26.989	ug/L		98
70)	1,2,4-trichlorobenzene	15.127	180	198337	27.025	ug/L		96
71)	Naphthalene	15.358	128	418008	27.004	ug/L		99
72)	1,2,3-Trichlorobenzene	15.547	180	169830	27.072	ug/L		97

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

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