Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061721\
Data File : VW019235.D
Acq On : 17 Jun 2021 11:18
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025119

Quant Time: Jun 18 00:58:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 17 01:25:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	505332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	460681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	230076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	144847	21.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.720%			
7) Chloroethane-d5	2.897	69	140309	24.654	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	4.031	63	334736	25.213	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.840%			
21) 2-Butanone-d5	7.086	46	82584	47.181	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.360%			
24) Chloroform-d	7.653	84	375562	27.644	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.560%			
26) 1,2-Dichloroethane-d4	8.305	65	192361	25.242	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.960%			
32) Benzene-d6	8.274	84	705808	26.891	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.560%			
36) 1,2-Dichloropropane-d6	9.274	67	218526	27.463	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.840%			
41) Toluene-d8	10.323	98	635214	26.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.400%			
43) trans-1,3-Dichloroprop...	10.579	79	86971	25.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.960%			
47) 2-Hexanone-d5	10.926	63	66489	49.276	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.560%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	171126	26.071	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	215864	26.881	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	167192	25.538	ug/L	97
3) Chloromethane	2.221	50	148842	24.591	ug/L	95
5) Vinyl chloride	2.367	62	249657	27.020	ug/L	98
6) Bromomethane	2.788	94	166159	24.185	ug/L	100
8) Chloroethane	2.934	64	150810	27.455	ug/L	98
9) Trichlorofluoromethane	3.263	101	148820	29.347	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	199792	27.545	ug/L	97
12) 1,1-Dichloroethene	4.050	96	196021	27.356	ug/L	93
13) Acetone	4.141	43	65978	42.538	ug/L	90
14) Carbon disulfide	4.391	76	588174	25.969	ug/L	99
15) Methyl Acetate	4.684	43	64902	20.804	ug/L	98
16) Methylene chloride	4.921	84	210549	22.455	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	204138	26.442	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	242648	24.314	ug/L	97
19) 1,1-Dichloroethane	6.220	63	376520	27.477	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	215055	26.755	ug/L	96
22) 2-Butanone	7.177	43	91210	43.982	ug/L	100
23) Bromochloromethane	7.512	128	86542	24.474	ug/L	93
25) Chloroform	7.677	83	379099	27.126	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	239691	25.327	ug/L	99
29) Cyclohexane	7.957	56	332249	27.716	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	297453	28.061	ug/L	99
31) Carbon tetrachloride	8.073	117	273549	27.949	ug/L	99
33) Benzene	8.329	78	843444	27.835	ug/L	100
34) Trichloroethene	9.091	95	218036	27.603	ug/L	93
35) Methylcyclohexane	9.335	83	376250	27.680	ug/L	98
37) 1,2-Dichloropropane	9.372	63	205835	27.653	ug/L	99
38) Bromodichloromethane	9.646	83	263680	27.311	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	310286	26.904	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	193654	43.686	ug/L	97
42) Toluene	10.390	91	905541	27.777	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	265081	26.039	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	138109	24.643	ug/L	92
46) Tetrachloroethene	10.865	164	155025	25.675	ug/L	93
48) 2-Hexanone	10.969	43	134817	45.241	ug/L	96
49) Dibromochloromethane	11.128	129	158883	25.579	ug/L	100
50) 1,2-Dibromoethane	11.237	107	127698	23.519	ug/L	99
51) Chlorobenzene	11.658	112	540337	26.852	ug/L	97
52) Ethylbenzene	11.731	91	1010633	28.181	ug/L	97
53) m,p-Xylene	11.841	106	370295	27.999	ug/L	98
54) o-Xylene	12.164	106	350869	27.851	ug/L	100
55) Styrene	12.182	104	605959	27.969	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	163146	23.622	ug/L	98
59) Bromoform	12.353	173	82585	23.299	ug/L	98
60) Isopropylbenzene	12.463	105	960698	27.890	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	117564	22.840	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	809814	28.624	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	806810	28.569	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	402177	26.752	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	411058	26.741	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	359953	26.604	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	23999	21.299	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	292266	26.908	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	216757	24.315	ug/L	93
71) Naphthalene	15.365	128	412921	23.232	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	205622	26.033	ug/L	95

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

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