Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020789.D
Acq On : 05 Nov 2021 19:12
Operator : SY/VA
Sample : M4464-03MSD
Misc : 6.82g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 08 04:54:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:38:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GB7K1MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
11/08/2021
Supervised By :Mahesh Dadoda
11/10/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	128451	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	102710	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	32637	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.349	65	31594	26.160 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.640%		
7) Chloroethane-d5	2.879	69	18866m	27.574 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.280%		
11) 1,1-Dichloroethene-d2	4.031	63	116486	45.951 ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 183.800%#		
21) 2-Butanone-d5	7.104	46	29530	73.625 ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.240%#		
24) Chloroform-d	7.647	84	66582	23.328 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.320%		
26) 1,2-Dichloroethane-d4	8.305	65	40601	26.722 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.880%		
32) Benzene-d6	8.275	84	121468	26.176 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.720%		
36) 1,2-Dichloropropane-d6	9.274	67	37860	26.351 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.400%		
41) Toluene-d8	10.335	98	105036	23.266 ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.080%		
43) trans-1,3-Dichloroprop...	10.579	79	21888	30.715 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.880%		
47) 2-Hexanone-d5	10.920	63	24539	84.413 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 168.820%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39097	32.835 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 131.320%#		
66) 1,2-Dichlorobenzene-d4	13.847	152	26150	25.496 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.007	85	24910	47.559 ug/L	99
3) Chloromethane	2.209	50	36110	26.348 ug/L	100
5) Vinyl chloride	2.355	62	296826	150.154 ug/L	96
6) Bromomethane	2.769	94	26811	26.207 ug/L	94
8) Chloroethane	2.916	64	28560	39.291 ug/L	96
9) Trichlorofluoromethane	3.251	101	12637	12.053 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	446888	259.153 ug/L	91
12) 1,1-Dichloroethene	4.038	96	150717	91.712 ug/L #	76
13) Acetone	4.123	43	886904	2406.454 ug/L	94
14) Carbon disulfide	4.385	76	155809	31.410 ug/L	99
15) Methyl Acetate	4.665	43	23030	32.936 ug/L	97
16) Methylene chloride	4.915	84	42873	22.540 ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	97953	56.073 ug/L	89
18) Methyl tert-butyl Ether	5.428	73	61904	25.043 ug/L #	79
19) 1,1-Dichloroethane	6.214	63	1747860	577.714 ug/L	99
20) cis-1,2-Dichloroethene	7.153	96	13170065	7151.932 ug/L #	62
22) 2-Butanone	7.189	43	93519	188.992 ug/L #	1
23) Bromochloromethane	7.513	128	21507	25.309 ug/L #	71
25) Chloroform	7.677	83	74666	23.706 ug/L	98

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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	8.403	62	83059	40.735	ug/L		97
29) Cyclohexane	7.958	56	83153	31.030	ug/L		92
30) 1,1,1-Trichloroethane	7.872	97	226927	92.972	ug/L		95
31) Carbon tetrachloride	8.067	117	53069	22.848	ug/L		100
33) Benzene	8.323	78	221388	35.991	ug/L		100
34) Trichloroethene	9.091	95	7670268m	4684.546	ug/L		
35) Methylcyclohexane	9.335	83	42297	14.803	ug/L		90
37) 1,2-Dichloropropane	9.372	63	38396	26.364	ug/L	#	98
38) Bromodichloromethane	9.646	83	56496	27.712	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	65427	27.604	ug/L		99
40) 4-Methyl-2-pentanone	10.232	43	236758	248.740	ug/L	#	95
42) Toluene	10.390	91	28623386m	4327.243	ug/L		
44) trans-1,3-Dichloropropene	10.610	75	65307	30.461	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	38685	35.792	ug/L		94
46) Tetrachloroethene	10.866	164	137579	93.679	ug/L		95
48) 2-Hexanone	10.969	43	65910	94.832	ug/L		90
49) Dibromochloromethane	11.128	129	43449	29.437	ug/L		95
50) 1,2-Dibromoethane	11.237	107	34636	31.605	ug/L	#	99
51) Chlorobenzene	11.658	112	95799	22.454	ug/L		96
52) Ethylbenzene	11.731	91	426132	57.499	ug/L		98
53) m,p-Xylene	11.835	106	465267	156.689	ug/L		90
54) o-Xylene	12.164	106	197266	70.132	ug/L		96
55) Styrene	12.176	104	101558	21.238	ug/L		88
57) 1,1,2,2-Tetrachloroethane	12.713	83	40138	31.686	ug/L	#	98
59) Bromoform	12.347	173	26761	48.477	ug/L	#	97
60) Isopropylbenzene	12.463	105	132751	29.511	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	30376	56.319	ug/L		93
62) 1,3,5-Trimethylbenzene	12.938	105	105707	27.347	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	195910	51.020	ug/L		90
64) 1,3-Dichlorobenzene	13.499	146	46351	22.224	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	47209	22.723	ug/L		92
67) 1,2-Dichlorobenzene	13.871	146	60767	32.983	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7213	54.708	ug/L	#	73
69) 1,3,5-Trichlorobenzene	14.627	180	20606	12.447	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	15194	11.009	ug/L		99
71) Naphthalene	15.359	128	53871	23.093	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	13627	11.619	ug/L		94

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

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