Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081922\
Data File : VW024297.D
Acq On : 19 Aug 2022 17:34
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 04:11:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 20 00:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	240508	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.628	117	239479	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143500	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.343	65	112667	22.411 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.640%		
7) Chloroethane-d5	2.873	69	82282	26.274 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.080%		
11) 1,1-Dichloroethene-d2	4.007	63	136333	23.796 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.200%		
21) 2-Butanone-d5	7.080	46	63935	68.359 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.720%#		
24) Chloroform-d	7.647	84	190750	26.212 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.840%		
26) 1,2-Dichloroethane-d4	8.305	65	107553	26.620 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.480%		
32) Benzene-d6	8.269	84	329955	23.362 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.440%		
36) 1,2-Dichloropropane-d6	9.275	67	103249	24.760 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.040%		
41) Toluene-d8	10.323	98	316556	23.979 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.920%		
43) trans-1,3-Dichloroprop...	10.573	79	45825	25.089 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.360%		
47) 2-Hexanone-d5	10.921	63	53324	69.231 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.460%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119881	29.631 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.520%		
66) 1,2-Dichlorobenzene-d4	13.853	152	128575	24.485 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.920%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.001	85	57590	27.217 ug/L	97
3) Chloromethane	2.215	50	88615	22.330 ug/L	95
5) Vinyl chloride	2.349	62	145947	26.420 ug/L	97
6) Bromomethane	2.764	94	80209	25.323 ug/L	85
8) Chloroethane	2.910	64	70161	28.995 ug/L	96
9) Trichlorofluoromethane	3.239	101	50765	19.386 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	96224	27.245 ug/L	96
12) 1,1-Dichloroethene	4.025	96	77018	26.637 ug/L	93
13) Acetone	4.117	43	42742m	62.071 ug/L	
14) Carbon disulfide	4.373	76	191595	20.708 ug/L	97
15) Methyl Acetate	4.666	43	48480	31.257 ug/L	94
16) Methylene chloride	4.909	84	102741	24.224 ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	83538	25.018 ug/L	94
18) Methyl tert-butyl Ether	5.428	73	157740	33.129 ug/L	99
19) 1,1-Dichloroethane	6.214	63	160804	27.339 ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	99531	27.142 ug/L #	92
22) 2-Butanone	7.171	43	71424	61.554 ug/L	99
23) Bromochloromethane	7.513	128	50767	27.798 ug/L	92
25) Chloroform	7.671	83	187688	28.958 ug/L	96

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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	8.397	62	129315	29.651	ug/L	99
29) Cyclohexane	7.952	56	122713	24.994	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	147377	27.289	ug/L	99
31) Carbon tetrachloride	8.061	117	132986	26.101	ug/L	98
33) Benzene	8.317	78	373637	26.416	ug/L	100
34) Trichloroethene	9.086	95	97400	26.053	ug/L	95
35) Methylcyclohexane	9.329	83	151551	25.851	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98122	28.064	ug/L	100
38) Bromodichloromethane	9.640	83	139645	28.476	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	146724	28.524	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	153750	66.259	ug/L	99
42) Toluene	10.384	91	411931	27.407	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	140229	29.835	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	86246	29.266	ug/L	97
46) Tetrachloroethene	10.860	164	79543	26.281	ug/L	91
48) 2-Hexanone	10.969	43	109463	69.510	ug/L	99
49) Dibromochloromethane	11.128	129	102818	28.981	ug/L	91
50) 1,2-Dibromoethane	11.231	107	82637	29.268	ug/L	96
51) Chlorobenzene	11.652	112	281411	27.403	ug/L	97
52) Ethylbenzene	11.731	91	458519	27.844	ug/L	100
53) m,p-Xylene	11.835	106	175689	27.408	ug/L	97
54) o-Xylene	12.164	106	176272	29.108	ug/L	100
55) Styrene	12.176	104	316866	30.085	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	113391	30.788	ug/L	98
59) Bromoform	12.347	173	60646	27.707	ug/L	98
60) Isopropylbenzene	12.463	105	480732	27.673	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78871	27.618	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	402155	28.014	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	399181	28.235	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	224159	26.351	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	222148	24.662	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	208034	25.754	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	19151	28.702	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	142741	25.590	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	123137	27.566	ug/L	97
71) Naphthalene	15.365	128	258712	29.734	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	108561	26.694	ug/L	98

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

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