Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
Data File : VW024070.D
Acq On : 25 Jul 2022 16:06
Operator : SY/VA
Sample : N3823-09MSD
Misc : 7.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 26 01:32:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 01:30:33 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
H0B66MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

07/26/2022
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	258262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	271485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	161893	29.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.960%			
7) Chloroethane-d5	2.873	69	103712	27.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.920%			
11) 1,1-Dichloroethene-d2	4.007	63	123981	25.435	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.720%			
21) 2-Butanone-d5	7.080	46	59049	60.018	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.040%			
24) Chloroform-d	7.647	84	172771	24.333	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.320%			
26) 1,2-Dichloroethane-d4	8.305	65	104280	25.564	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.240%			
32) Benzene-d6	8.269	84	337132	26.733	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.920%			
36) 1,2-Dichloropropane-d6	9.275	67	100220	25.195	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.760%			
41) Toluene-d8	10.323	98	337904	26.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.160%			
43) trans-1,3-Dichloroprop...	10.579	79	47205	26.765	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.040%			
47) 2-Hexanone-d5	10.921	63	54428	65.450	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.900%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	123098	26.820	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	129883	26.202	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	43837	22.983	ug/L	93
3) Chloromethane	2.209	50	114841	23.191	ug/L	94
5) Vinyl chloride	2.349	62	176695	22.893	ug/L	99
6) Bromomethane	2.764	94	96250	22.573	ug/L	94
8) Chloroethane	2.910	64	81392	23.972	ug/L	93
9) Trichlorofluoromethane	3.245	101	83197	23.155	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	71026	21.344	ug/L #	76
12) 1,1-Dichloroethene	4.025	96	56688	20.783	ug/L	91
13) Acetone	4.123	43	41021	58.756	ug/L	97
14) Carbon disulfide	4.373	76	181800	21.701	ug/L #	94
15) Methyl Acetate	4.672	43	41725	24.775	ug/L	95
16) Methylene chloride	4.909	84	88362	22.479	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	75229	22.542	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	117258	23.704	ug/L	99
19) 1,1-Dichloroethane	6.214	63	133859	21.235	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	81429m	22.220	ug/L	
22) 2-Butanone	7.171	43	63951	57.069	ug/L	98
23) Bromochloromethane	7.507	128	40335	21.388	ug/L	94
25) Chloroform	7.671	83	155699	21.346	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	116944	22.511	ug/L		99
29) Cyclohexane	7.952	56	116177	23.226	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	131218	21.623	ug/L		99
31) Carbon tetrachloride	8.067	117	119547	21.371	ug/L		96
33) Benzene	8.323	78	347420	22.152	ug/L		100
34) Trichloroethene	9.086	95	89190	21.476	ug/L		95
35) Methylcyclohexane	9.335	83	141497	22.426	ug/L		96
37) 1,2-Dichloropropane	9.366	63	87751	22.131	ug/L		100
38) Bromodichloromethane	9.640	83	122696	21.704	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	134464	23.277	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	147821	53.576	ug/L		100
42) Toluene	10.384	91	411689	23.207	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	131985	24.126	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	78904	22.779	ug/L		93
46) Tetrachloroethene	10.860	164	71033	21.853	ug/L		94
48) 2-Hexanone	10.969	43	115131	57.581	ug/L		96
49) Dibromochloromethane	11.128	129	93886	23.197	ug/L		100
50) 1,2-Dibromoethane	11.232	107	79619	23.477	ug/L	#	98
51) Chlorobenzene	11.652	112	264316	22.139	ug/L		97
52) Ethylbenzene	11.725	91	465069	23.788	ug/L		97
53) m,p-Xylene	11.835	106	182608	24.064	ug/L		100
54) o-Xylene	12.164	106	175712	24.213	ug/L		99
55) Styrene	12.176	104	317872	24.451	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	115571	24.074	ug/L		98
59) Bromoform	12.347	173	55978	23.661	ug/L		97
60) Isopropylbenzene	12.463	105	484651	24.999	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	83798	24.358	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	394885	25.318	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	401128	25.410	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	206101	22.227	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	215331	21.876	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	204230	23.547	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	19647	25.558	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.627	180	132647	22.433	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	103606	23.125	ug/L		97
71) Naphthalene	15.359	128	272463	28.420	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	101773	24.149	ug/L		96

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

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