Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023086.D
Acq On : 17 May 2022 08:46
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 18 01:22:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 17 02:41:35 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
Supervised By :Mahesh Dadoda 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	337551	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	329556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169826	24.522	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.080%			
7) Chloroethane-d5	2.885	69	123368	27.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.520%			
11) 1,1-Dichloroethene-d2	4.019	63	225662	25.218	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.880%			
21) 2-Butanone-d5	7.080	46	66498	50.502	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.000%			
24) Chloroform-d	7.647	84	276769	27.986	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.960%			
26) 1,2-Dichloroethane-d4	8.305	65	147149	27.129	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.520%			
32) Benzene-d6	8.275	84	540332	28.445	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.800%			
36) 1,2-Dichloropropane-d6	9.274	67	152831	28.642	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.560%			
41) Toluene-d8	10.323	98	533342	29.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.280%			
43) trans-1,3-Dichloroprop...	10.579	79	69793	28.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 113.640%			
47) 2-Hexanone-d5	10.920	63	54171	53.181	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.360%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137407	27.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	184759	29.628	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36096m	19.616	ug/L	
3) Chloromethane	2.215	50	74652	20.995	ug/L	97
5) Vinyl chloride	2.361	62	137220	19.229	ug/L	97
6) Bromomethane	2.776	94	88052	19.218	ug/L	96
8) Chloroethane	2.922	64	72026	20.926	ug/L	98
9) Trichlorofluoromethane	3.257	101	72668	22.280	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111756	22.915	ug/L	97
12) 1,1-Dichloroethene	4.044	96	94340	21.821	ug/L	86
13) Acetone	4.123	43	40829	41.416	ug/L	99
14) Carbon disulfide	4.385	76	196559	16.584	ug/L	98
15) Methyl Acetate	4.672	43	42508	21.463	ug/L	97
16) Methylene chloride	4.915	84	103656	20.986	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	103170	21.206	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	178201	23.994	ug/L	100
19) 1,1-Dichloroethane	6.214	63	192107	23.298	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	120087	22.980	ug/L #	99
22) 2-Butanone	7.171	43	57903	41.999	ug/L	98
23) Bromochloromethane	7.513	128	56636	23.143	ug/L	87
25) Chloroform	7.671	83	220530	24.187	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	138201	22.739	ug/L		99
29) Cyclohexane	7.958	56	149330	20.952	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	187133	24.028	ug/L		99
31) Carbon tetrachloride	8.067	117	169773	23.304	ug/L		99
33) Benzene	8.323	78	442256	22.780	ug/L		100
34) Trichloroethene	9.092	95	122675	22.976	ug/L		97
35) Methylcyclohexane	9.335	83	189263	21.578	ug/L		98
37) 1,2-Dichloropropane	9.366	63	111571	23.748	ug/L		98
38) Bromodichloromethane	9.640	83	158704	23.782	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	175481	24.088	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	131429	44.383	ug/L		99
42) Toluene	10.384	91	518834	23.846	ug/L		93
44) trans-1,3-Dichloropropene	10.603	75	160775	24.726	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	92771	23.621	ug/L		98
46) Tetrachloroethene	10.860	164	94512	23.555	ug/L		82
48) 2-Hexanone	10.963	43	91169	46.078	ug/L		96
49) Dibromochloromethane	11.128	129	115306	24.393	ug/L		95
50) 1,2-Dibromoethane	11.231	107	91593	23.225	ug/L		92
51) Chlorobenzene	11.658	112	347257	24.210	ug/L		98
52) Ethylbenzene	11.725	91	588826	24.326	ug/L		100
53) m,p-Xylene	11.835	106	234775	24.616	ug/L		95
54) o-Xylene	12.164	106	229901	25.119	ug/L		95
55) Styrene	12.176	104	388356	24.971	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115196	23.483	ug/L		99
59) Bromoform	12.347	173	60548	23.949	ug/L		96
60) Isopropylbenzene	12.463	105	632525	25.882	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	81543	22.877	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	347139	25.531	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	533021	26.109	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	280995	25.752	ug/L		93
65) 1,4-Dichlorobenzene	13.579	146	285169	25.302	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	252559	25.294	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16633	21.351	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.627	180	194529	26.858	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	158266	27.164	ug/L		96
71) Naphthalene	15.359	128	322755	25.488	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	133182	25.791	ug/L		97

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

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