Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042122\
Data File : VW022599.D
Acq On : 21 Apr 2022 10:56
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 22 01:11:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 21 01:19:16 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025495

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	305720	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	298549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	158137	23.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.600%			
7) Chloroethane-d5	2.885	69	108642	25.649	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.600%			
11) 1,1-Dichloroethene-d2	4.019	63	244589	27.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.600%#			
21) 2-Butanone-d5	7.074	46	55413	46.962	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.920%			
24) Chloroform-d	7.647	84	263329	27.557	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.240%			
26) 1,2-Dichloroethane-d4	8.305	65	137447	25.174	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.680%			
32) Benzene-d6	8.275	84	507128	27.803	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.200%			
36) 1,2-Dichloropropane-d6	9.274	67	141493	26.805	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.240%			
41) Toluene-d8	10.323	98	499235	27.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.800%			
43) trans-1,3-Dichloroprop...	10.579	79	62041	24.905	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.600%			
47) 2-Hexanone-d5	10.921	63	46074	46.915	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.820%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116304	25.913	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	165111	27.179	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	26447	17.647	ug/L	97
3) Chloromethane	2.221	50	77654	20.783	ug/L	97
5) Vinyl chloride	2.361	62	169654	21.760	ug/L	100
6) Bromomethane	2.782	94	95604	20.172	ug/L	98
8) Chloroethane	2.922	64	79792	23.377	ug/L	100
9) Trichlorofluoromethane	3.257	101	94818	32.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	125581	27.399	ug/L	95
12) 1,1-Dichloroethene	4.038	96	112523	27.336	ug/L	90
13) Acetone	4.117	43	55438	69.006	ug/L	98
14) Carbon disulfide	4.385	76	285552	21.087	ug/L	99
15) Methyl Acetate	4.672	43	41978	20.822	ug/L	92
16) Methylene chloride	4.916	84	119892	26.062	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	120748	25.041	ug/L	94
18) Methyl tert-butyl Ether	5.422	73	194500	24.697	ug/L	96
19) 1,1-Dichloroethane	6.214	63	219858	24.988	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	138239	27.144	ug/L #	86
22) 2-Butanone	7.165	43	65652	54.107	ug/L	93
23) Bromochloromethane	7.513	128	60404	27.559	ug/L	90
25) Chloroform	7.677	83	243726	26.300	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	154857m	23.775	ug/L		
29) Cyclohexane	7.952	56	189417	22.168	ug/L		95
30) 1,1,1-Trichloroethane	7.872	97	214266	25.872	ug/L		97
31) Carbon tetrachloride	8.067	117	197387	26.556	ug/L		99
33) Benzene	8.323	78	504008	24.865	ug/L		100
34) Trichloroethene	9.092	95	141410	26.056	ug/L		97
35) Methylcyclohexane	9.335	83	233728	24.004	ug/L		95
37) 1,2-Dichloropropane	9.366	63	118641	24.432	ug/L		98
38) Bromodichloromethane	9.646	83	176266	25.242	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	193363	25.095	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	133038	44.893	ug/L		94
42) Toluene	10.384	91	592639	25.516	ug/L		94
44) trans-1,3-Dichloropropene	10.604	75	172194	24.958	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	97434	26.291	ug/L		95
46) Tetrachloroethene	10.860	164	103434	25.927	ug/L		93
48) 2-Hexanone	10.969	43	99006	47.356	ug/L	#	95
49) Dibromochloromethane	11.128	129	121682	27.531	ug/L		95
50) 1,2-Dibromoethane	11.231	107	94375	25.789	ug/L		91
51) Chlorobenzene	11.658	112	379635	26.747	ug/L		95
52) Ethylbenzene	11.725	91	670776	25.765	ug/L		100
53) m,p-Xylene	11.835	106	267344	27.007	ug/L		85
54) o-Xylene	12.164	106	253464	26.794	ug/L		95
55) Styrene	12.176	104	433428	26.818	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	115601	25.414	ug/L		99
59) Bromoform	12.347	173	61749	24.229	ug/L		100
60) Isopropylbenzene	12.463	105	702115	24.644	ug/L		98
61) 1,2,3-Trichloropropane	12.762	75	85295	23.379	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	391470	24.985	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	593006	24.888	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	306002	26.464	ug/L		98
65) 1,4-Dichlorobenzene	13.573	146	304713	26.424	ug/L		100
67) 1,2-Dichlorobenzene	13.865	146	261101	25.249	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18231	21.546	ug/L		87
69) 1,3,5-Trichlorobenzene	14.627	180	195078	25.858	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	164473	25.959	ug/L		99
71) Naphthalene	15.359	128	334443	25.026	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	141576	26.142	ug/L		99

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

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