Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041422\
Data File : VW022541.D
Acq On : 14 Apr 2022 09:33
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Quant Time: Apr 15 01:27:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 14 01:27:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	354233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	352715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128155	16.365	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.480%			
7) Chloroethane-d5	2.892	69	104102	21.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.840%			
11) 1,1-Dichloroethene-d2	4.026	63	208011	20.480	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.920%			
21) 2-Butanone-d5	7.080	46	76760	56.144	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.280%			
24) Chloroform-d	7.647	84	276073	24.934	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.720%			
26) 1,2-Dichloroethane-d4	8.305	65	152300	24.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.280%			
32) Benzene-d6	8.275	84	467467	21.693	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.760%			
36) 1,2-Dichloropropane-d6	9.275	67	146768	23.535	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.120%			
41) Toluene-d8	10.323	98	449949	21.319	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.280%			
43) trans-1,3-Dichloroprop...	10.579	79	66991	22.762	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.040%			
47) 2-Hexanone-d5	10.921	63	66323	57.162	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.320%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	151981	28.662	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	180821	25.104	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	47792	27.523	ug/L	99
3) Chloromethane	2.221	50	89538	20.681	ug/L	100
5) Vinyl chloride	2.367	62	209613	23.203	ug/L	95
6) Bromomethane	2.782	94	131165	23.885	ug/L	97
8) Chloroethane	2.928	64	102893	26.016	ug/L	99
9) Trichlorofluoromethane	3.263	101	94628	28.373	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	142813	26.891	ug/L	95
12) 1,1-Dichloroethene	4.044	96	129371	27.124	ug/L	86
13) Acetone	4.123	43	47254	50.763	ug/L	91
14) Carbon disulfide	4.391	76	353912	22.556	ug/L	99
15) Methyl Acetate	4.678	43	55987	23.967	ug/L	93
16) Methylene chloride	4.916	84	140222	26.307	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	143991	25.771	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	229718	25.174	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	256290	25.139	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	159456	27.022	ug/L #	91
22) 2-Butanone	7.171	43	77713	55.276	ug/L	95
23) Bromochloromethane	7.519	128	71520	28.162	ug/L	91
25) Chloroform	7.677	83	286791	26.709	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	190248	25.209	ug/L	#	95
29) Cyclohexane	7.958	56	231543	22.936	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	243020	24.838	ug/L		98
31) Carbon tetrachloride	8.067	117	224643	25.581	ug/L		97
33) Benzene	8.324	78	592972	24.762	ug/L		100
34) Trichloroethene	9.092	95	166366	25.946	ug/L		94
35) Methylcyclohexane	9.336	83	273728	23.794	ug/L		97
37) 1,2-Dichloropropane	9.366	63	142621	24.860	ug/L		99
38) Bromodichloromethane	9.646	83	209234	25.362	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	233084	25.604	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	176632	50.450	ug/L		96
42) Toluene	10.384	91	689047	25.110	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	206681	25.356	ug/L		98
45) 1,1,2-Trichloroethane	10.787	97	116945	26.710	ug/L		99
46) Tetrachloroethene	10.860	164	123498	26.202	ug/L		87
48) 2-Hexanone	10.969	43	127715	51.707	ug/L		98
49) Dibromochloromethane	11.128	129	147944	28.332	ug/L		100
50) 1,2-Dibromoethane	11.232	107	115836	26.793	ug/L		96
51) Chlorobenzene	11.658	112	437349	26.081	ug/L		94
52) Ethylbenzene	11.725	91	783576	25.476	ug/L		96
53) m,p-Xylene	11.835	106	310266	26.530	ug/L		91
54) o-Xylene	12.164	106	298409	26.701	ug/L		93
55) Styrene	12.177	104	514087	26.924	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	145012	26.984	ug/L		98
59) Bromoform	12.347	173	77011	25.486	ug/L		99
60) Isopropylbenzene	12.463	105	827567	24.498	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	106518	24.624	ug/L		97
62) 1,3,5-Trimethylbenzene	12.939	105	459344	24.726	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	700770	24.806	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	347544	25.350	ug/L		99
65) 1,4-Dichlorobenzene	13.579	146	352936	25.813	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	318334	25.963	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.481	75	23568	23.491	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.627	180	233738	26.131	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	200821	26.732	ug/L		99
71) Naphthalene	15.359	128	416435	26.282	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	167433	26.075	ug/L		96

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

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