Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
Data File : VW021988.D
Acq On : 18 Jan 2022 09:29
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: Jan 19 00:25:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 18 00:36:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	130290	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	130728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49062	20.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.040%			
7) Chloroethane-d5	2.885	69	36769	16.814	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.240%			
11) 1,1-Dichloroethene-d2	4.019	63	89317	23.362	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.440%			
21) 2-Butanone-d5	7.079	46	20775	60.780	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.560%			
24) Chloroform-d	7.652	84	104895	24.921	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.680%			
26) 1,2-Dichloroethane-d4	8.305	65	51693	25.432	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.720%			
32) Benzene-d6	8.274	84	201962	23.809	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.240%			
36) 1,2-Dichloropropane-d6	9.274	67	55436	24.795	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.160%			
41) Toluene-d8	10.323	98	202056	23.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.520%			
43) trans-1,3-Dichloroprop...	10.579	79	23309	24.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.200%			
47) 2-Hexanone-d5	10.926	63	19133	63.066	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.140%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46255	26.457	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	76104	24.309	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10889	21.200	ug/L	93
3) Chloromethane	2.214	50	40913	21.969	ug/L	99
5) Vinyl chloride	2.361	62	59575	22.269	ug/L	95
6) Bromomethane	2.781	94	42101	22.256	ug/L	98
8) Chloroethane	2.922	64	30554	18.898	ug/L	98
9) Trichlorofluoromethane	3.269	101	48275	24.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	52092	24.072	ug/L	91
12) 1,1-Dichloroethene	4.037	96	47380	24.363	ug/L	77
13) Acetone	4.141	43	14629	51.804	ug/L	84
14) Carbon disulfide	4.385	76	118526	23.279	ug/L	98
15) Methyl Acetate	4.677	43	15706	27.518	ug/L #	81
16) Methylene chloride	4.915	84	49004	21.977	ug/L	81
17) trans-1,2-Dichloroethene	5.427	96	52098	24.792	ug/L	79
18) Methyl tert-butyl Ether	5.427	73	70645	26.362	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	81808	26.545	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	57435	26.568	ug/L	67
22) 2-Butanone	7.177	43	21929	60.752	ug/L	80
23) Bromochloromethane	7.518	128	27117	25.210	ug/L #	59
25) Chloroform	7.677	83	96030	26.335	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	56301	26.663	ug/L	#	94
29) Cyclohexane	7.957	56	75142	25.693	ug/L	#	77
30) 1,1,1-Trichloroethane	7.872	97	85553	25.248	ug/L	#	93
31) Carbon tetrachloride	8.067	117	81711	24.884	ug/L		99
33) Benzene	8.323	78	201790	25.173	ug/L		100
34) Trichloroethene	9.091	95	59193	25.452	ug/L		92
35) Methylcyclohexane	9.335	83	95048	24.853	ug/L	#	82
37) 1,2-Dichloropropane	9.366	63	45438	26.019	ug/L	#	94
38) Bromodichloromethane	9.646	83	65754	26.973	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	74075	27.299	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	47490	57.891	ug/L	#	87
42) Toluene	10.390	91	236415	26.296	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	64508	28.403	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	39141	26.399	ug/L		93
46) Tetrachloroethene	10.859	164	53485	23.257	ug/L		98
48) 2-Hexanone	10.969	43	33078	58.933	ug/L	#	90
49) Dibromochloromethane	11.127	129	49260	26.368	ug/L		100
50) 1,2-Dibromoethane	11.237	107	38369	26.070	ug/L	#	97
51) Chlorobenzene	11.658	112	157687	24.841	ug/L		89
52) Ethylbenzene	11.731	91	258106	25.843	ug/L		96
53) m,p-Xylene	11.841	106	109783	26.287	ug/L		84
54) o-Xylene	12.164	106	102930	26.548	ug/L		95
55) Styrene	12.176	104	169708	26.513	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	42259	26.490	ug/L	#	98
59) Bromoform	12.347	173	27297	26.296	ug/L	#	98
60) Isopropylbenzene	12.463	105	285845	27.569	ug/L		94
61) 1,2,3-Trichloropropane	12.767	75	30708	28.222	ug/L	#	89
62) 1,3,5-Trimethylbenzene	12.938	105	239086	27.847	ug/L		92
63) 1,2,4-Trimethylbenzene	13.249	105	235321	27.791	ug/L		94
64) 1,3-Dichlorobenzene	13.499	146	131922	25.307	ug/L		89
65) 1,4-Dichlorobenzene	13.578	146	131014	25.455	ug/L		93
67) 1,2-Dichlorobenzene	13.871	146	120519	26.406	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.480	75	5737	27.303	ug/L	#	60
69) 1,3,5-Trichlorobenzene	14.627	180	98140	25.330	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	73502	23.809	ug/L		96
71) Naphthalene	15.358	128	122922	25.812	ug/L		99
72) 1,2,3-Trichlorobenzene	15.553	180	59041	23.159	ug/L		98

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

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