Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
Data File : VW021373.D
Acq On : 13 Dec 2021 19:06
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025529

Quant Time: Dec 14 00:38:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 14 00:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85269	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	85774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	51903	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41774	26.899	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.600%			
7) Chloroethane-d5	2.879	69	32476	31.634	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.520%			
11) 1,1-Dichloroethene-d2	4.019	63	51581	24.914	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.640%			
21) 2-Butanone-d5	7.080	46	14466	66.083	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.160%			
24) Chloroform-d	7.653	84	62490	26.298	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.200%			
26) 1,2-Dichloroethane-d4	8.305	65	33228	26.288	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.160%			
32) Benzene-d6	8.275	84	117323	24.954	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	9.274	67	32283	25.603	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.400%			
41) Toluene-d8	10.323	98	116722	24.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.200%			
43) trans-1,3-Dichloroprop...	10.579	79	15799	27.213	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.840%			
47) 2-Hexanone-d5	10.927	63	11967	64.182	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.360%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32664	30.135	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.520%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	47369	23.549	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9000	27.317	ug/L	99
3) Chloromethane	2.215	50	23854	21.870	ug/L	99
5) Vinyl chloride	2.361	62	43572	25.447	ug/L	98
6) Bromomethane	2.776	94	30343	27.320	ug/L	97
8) Chloroethane	2.916	64	22998	29.154	ug/L	96
9) Trichlorofluoromethane	3.257	101	24765	27.411	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	30415	25.832	ug/L	90
12) 1,1-Dichloroethene	4.038	96	26483	25.056	ug/L	83
13) Acetone	4.123	43	9945	50.677	ug/L	92
14) Carbon disulfide	4.385	76	74335	27.234	ug/L	99
15) Methyl Acetate	4.672	43	10214	30.165	ug/L #	87
16) Methylene chloride	4.915	84	29909	21.228	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	27477	24.010	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	39417	24.939	ug/L	93
19) 1,1-Dichloroethane	6.214	63	43877	24.433	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	30090	24.928	ug/L	71
22) 2-Butanone	7.171	43	14030	54.744	ug/L	85
23) Bromochloromethane	7.513	128	14235	25.221	ug/L #	66
25) Chloroform	7.677	83	51958	24.924	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33816	25.615	ug/L	#	91
29) Cyclohexane	7.958	56	37846	22.168	ug/L	#	80
30) 1,1,1-Trichloroethane	7.866	97	46684	24.257	ug/L		94
31) Carbon tetrachloride	8.067	117	44759	25.211	ug/L		98
33) Benzene	8.323	78	109018	23.332	ug/L		100
34) Trichloroethene	9.092	95	29597	22.565	ug/L		89
35) Methylcyclohexane	9.335	83	47874	22.126	ug/L	#	84
37) 1,2-Dichloropropane	9.366	63	24746	23.743	ug/L	#	95
38) Bromodichloromethane	9.640	83	38638	26.963	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	41999	25.563	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	30976	54.545	ug/L	#	90
42) Toluene	10.390	91	125423	22.951	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	37424	26.006	ug/L		93
45) 1,1,2-Trichloroethane	10.786	97	22319	26.164	ug/L		92
46) Tetrachloroethene	10.860	164	27615	22.163	ug/L		98
48) 2-Hexanone	10.969	43	23495	57.050	ug/L	#	93
49) Dibromochloromethane	11.128	129	30574	29.073	ug/L		92
50) 1,2-Dibromoethane	11.231	107	21846	25.733	ug/L	#	96
51) Chlorobenzene	11.658	112	84938	23.215	ug/L		91
52) Ethylbenzene	11.731	91	137772	22.062	ug/L		96
53) m,p-Xylene	11.835	106	56602	22.468	ug/L		84
54) o-Xylene	12.164	106	54755	22.902	ug/L		96
55) Styrene	12.176	104	96382	23.687	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	27406	28.026	ug/L	#	94
59) Bromoform	12.347	173	20301	32.872	ug/L	#	97
60) Isopropylbenzene	12.463	105	151153	21.432	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	19434	25.727	ug/L		93
62) 1,3,5-Trimethylbenzene	12.938	105	127417	21.231	ug/L		92
63) 1,2,4-Trimethylbenzene	13.249	105	129237	21.830	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	76671	23.048	ug/L		90
65) 1,4-Dichlorobenzene	13.572	146	78367	23.711	ug/L		85
67) 1,2-Dichlorobenzene	13.871	146	67015	22.882	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4813	30.890	ug/L	#	72
69) 1,3,5-Trichlorobenzene	14.627	180	53449	21.497	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	41058	20.531	ug/L		99
71) Naphthalene	15.365	128	77031	23.709	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	37680	22.799	ug/L		98

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

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