Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
Data File : VW021180.D
Acq On : 06 Dec 2021 19:36
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Dec 07 01:54:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 07 01:47:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	112999	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	110529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68035	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41685	26.477	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.920%			
7) Chloroethane-d5	2.879	69	27573	26.162	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.640%			
11) 1,1-Dichloroethene-d2	4.019	63	58010	23.065	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.240%			
21) 2-Butanone-d5	7.074	46	19264	53.644	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.280%			
24) Chloroform-d	7.647	84	71486	25.261	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.040%			
26) 1,2-Dichloroethane-d4	8.305	65	40471	26.141	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.560%			
32) Benzene-d6	8.275	84	135612	23.996	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.000%			
36) 1,2-Dichloropropane-d6	9.274	67	38158	24.296	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.323	98	134302	23.176	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.720%			
43) trans-1,3-Dichloroprop...	10.579	79	18305	25.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.680%			
47) 2-Hexanone-d5	10.920	63	16497	54.902	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.800%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39502	27.187	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	57295	23.504	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	17481	31.671	ug/L	98
3) Chloromethane	2.215	50	33799	27.353	ug/L	100
5) Vinyl chloride	2.355	62	55075	25.657	ug/L	98
6) Bromomethane	2.776	94	36046	25.255	ug/L	97
8) Chloroethane	2.916	64	22632	25.298	ug/L	99
9) Trichlorofluoromethane	3.251	101	20838	20.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37983	23.412	ug/L	91
12) 1,1-Dichloroethene	4.038	96	33144	22.597	ug/L	84
13) Acetone	4.123	43	13526	41.350	ug/L	91
14) Carbon disulfide	4.379	76	91773	22.542	ug/L	100
15) Methyl Acetate	4.665	43	15002	25.293	ug/L #	90
16) Methylene chloride	4.915	84	36198	20.333	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	36735	23.523	ug/L	82
18) Methyl tert-butyl Ether	5.421	73	57603	24.439	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58997	23.824	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	40074	24.188	ug/L	75
22) 2-Butanone	7.171	43	20563	45.424	ug/L	88
23) Bromochloromethane	7.506	128	19229	24.805	ug/L #	66
25) Chloroform	7.677	83	68163	24.521	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	47052	25.876	ug/L		98
29) Cyclohexane	7.958	56	54720	22.442	ug/L	#	82
30) 1,1,1-Trichloroethane	7.872	97	59904	23.245	ug/L		95
31) Carbon tetrachloride	8.067	117	55146	23.028	ug/L		99
33) Benzene	8.323	78	142571	22.683	ug/L		100
34) Trichloroethene	9.091	95	40700	23.471	ug/L		92
35) Methylcyclohexane	9.335	83	65234	22.350	ug/L		85
37) 1,2-Dichloropropane	9.366	63	33248	23.404	ug/L	#	96
38) Bromodichloromethane	9.640	83	48697	24.385	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	56039	24.388	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	47200	48.772	ug/L	#	93
42) Toluene	10.384	91	171310	23.862	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	52607	25.305	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	29786	25.009	ug/L		95
46) Tetrachloroethene	10.859	164	38052	23.965	ug/L		94
48) 2-Hexanone	10.969	43	35848	51.348	ug/L	#	93
49) Dibromochloromethane	11.128	129	37262	25.032	ug/L		99
50) 1,2-Dibromoethane	11.231	107	30836	25.388	ug/L		94
51) Chlorobenzene	11.658	112	115411	24.059	ug/L		92
52) Ethylbenzene	11.725	91	195136	24.144	ug/L		100
53) m,p-Xylene	11.835	106	80389	24.044	ug/L		93
54) o-Xylene	12.164	106	79271	25.147	ug/L		80
55) Styrene	12.176	104	139600	25.993	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	39021	27.239	ug/L	#	98
59) Bromoform	12.347	173	22826	23.526	ug/L		99
60) Isopropylbenzene	12.463	105	219038	23.166	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	28977	25.425	ug/L	#	93
62) 1,3,5-Trimethylbenzene	12.938	105	187475	23.676	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	190866	23.967	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	102124	22.938	ug/L		97
65) 1,4-Dichlorobenzene	13.572	146	105070	23.351	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	94549	23.852	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.481	75	6207	24.118	ug/L	#	69
69) 1,3,5-Trichlorobenzene	14.627	180	75835	23.177	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	62014	23.065	ug/L		96
71) Naphthalene	15.359	128	116721	23.352	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	55587	23.689	ug/L		95

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

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