Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
Data File : VW021237.D
Acq On : 08 Dec 2021 18:32
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025518

Quant Time: Dec 08 23:03:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 08 22:58:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	120880	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	119840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	73972	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39511	23.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.840%			
7) Chloroethane-d5	2.885	69	29842	26.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.880%			
11) 1,1-Dichloroethene-d2	4.025	63	57033	21.198	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.800%			
21) 2-Butanone-d5	7.074	46	15234	39.656	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.320%			
24) Chloroform-d	7.653	84	67363	22.252	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	8.305	65	35488	21.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.720%			
32) Benzene-d6	8.275	84	123786	20.202	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.800%			
36) 1,2-Dichloropropane-d6	9.274	67	34101	20.026	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 80.120%			
41) Toluene-d8	10.323	98	125281	19.940	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.760%			
43) trans-1,3-Dichloroprop...	10.579	79	15662	20.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.040%			
47) 2-Hexanone-d5	10.920	63	12770	39.196	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.400%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	35981	22.840	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	55809	21.057	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	12482	21.140	ug/L	94
3) Chloromethane	2.215	50	33008	24.972	ug/L	99
5) Vinyl chloride	2.367	62	57208	24.913	ug/L	99
6) Bromomethane	2.782	94	35504	23.253	ug/L	97
8) Chloroethane	2.922	64	26782	27.985	ug/L	97
9) Trichlorofluoromethane	3.257	101	27370	24.685	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37296	21.490	ug/L	91
12) 1,1-Dichloroethene	4.050	96	34046	21.699	ug/L #	67
13) Acetone	4.129	43	11483	32.815	ug/L	93
14) Carbon disulfide	4.385	76	88345	20.285	ug/L	98
15) Methyl Acetate	4.678	43	11672	18.396	ug/L #	86
16) Methylene chloride	4.915	84	35508	18.645	ug/L	78
17) trans-1,2-Dichloroethene	5.434	96	35539	21.273	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	51481	20.417	ug/L #	85
19) 1,1-Dichloroethane	6.220	63	56594	21.364	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37925	21.398	ug/L	78
22) 2-Butanone	7.177	43	16576	34.230	ug/L #	52
23) Bromochloromethane	7.519	128	17943	21.637	ug/L #	68
25) Chloroform	7.677	83	64834	21.803	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42166	21.677	ug/L	#	95
29) Cyclohexane	7.958	56	53035	20.061	ug/L	#	82
30) 1,1,1-Trichloroethane	7.872	97	57835	20.698	ug/L		95
31) Carbon tetrachloride	8.073	117	54027	20.808	ug/L		99
33) Benzene	8.323	78	137001	20.103	ug/L		100
34) Trichloroethene	9.092	95	38204	20.320	ug/L		89
35) Methylcyclohexane	9.335	83	64304	20.319	ug/L		85
37) 1,2-Dichloropropane	9.372	63	31057	20.163	ug/L	#	95
38) Bromodichloromethane	9.646	83	44925	20.748	ug/L	#	98
39) cis-1,3-Dichloropropene	10.073	75	51511	20.675	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	37707	35.935	ug/L	#	92
42) Toluene	10.390	91	165484	21.260	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	46150	20.474	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	26487	20.511	ug/L		95
46) Tetrachloroethene	10.866	164	38114	22.139	ug/L		87
48) 2-Hexanone	10.969	43	28263	37.338	ug/L	#	95
49) Dibromochloromethane	11.128	129	34065	21.106	ug/L		96
50) 1,2-Dibromoethane	11.237	107	27334	20.756	ug/L	#	94
51) Chlorobenzene	11.658	112	112233	21.579	ug/L		93
52) Ethylbenzene	11.731	91	192973	22.022	ug/L		98
53) m,p-Xylene	11.841	106	80435	22.189	ug/L		84
54) o-Xylene	12.164	106	78075	22.844	ug/L		87
55) Styrene	12.176	104	133417	22.911	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	34314	22.092	ug/L	#	99
59) Bromoform	12.353	173	20186	19.135	ug/L		97
60) Isopropylbenzene	12.463	105	214393	20.855	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	25218	20.351	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.938	105	183532	21.318	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	182955	21.130	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	98551	20.359	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	103166	21.088	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	96796	22.459	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5052	18.055	ug/L	#	75
69) 1,3,5-Trichlorobenzene	14.627	180	77751	21.855	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	63912	21.863	ug/L		94
71) Naphthalene	15.365	128	105096	19.339	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	51971	20.371	ug/L		97

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

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