Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021637.D
Acq On : 25 Dec 2021 10:35
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: Dec 27 00:39:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114656	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	116849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70620	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49648	23.776	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.120%			
7) Chloroethane-d5	2.879	69	35592	25.783	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.120%			
11) 1,1-Dichloroethene-d2	4.019	63	74597	26.795	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.200%			
21) 2-Butanone-d5	7.092	46	15716	53.392	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.780%			
24) Chloroform-d	7.647	84	89773	28.096	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.400%			
26) 1,2-Dichloroethane-d4	8.305	65	46727	27.493	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.960%			
32) Benzene-d6	8.275	84	167997	26.229	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.920%			
36) 1,2-Dichloropropane-d6	9.275	67	46044	26.805	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.240%			
41) Toluene-d8	10.323	98	171444	26.198	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.800%			
43) trans-1,3-Dichloroprop...	10.573	79	21435	27.101	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.400%			
47) 2-Hexanone-d5	10.921	63	14085	55.452	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.900%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38642	26.169	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	67925	24.818	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	8551	19.302	ug/L	95
3) Chloromethane	2.209	50	29816	20.329	ug/L	99
5) Vinyl chloride	2.355	62	46938	20.387	ug/L	97
6) Bromomethane	2.776	94	29383	19.675	ug/L	96
8) Chloroethane	2.916	64	24066	22.689	ug/L	99
9) Trichlorofluoromethane	3.251	101	30084	24.764	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	39183	24.749	ug/L	90
12) 1,1-Dichloroethene	4.038	96	34692	24.410	ug/L	75
13) Acetone	4.154	43	10782	40.860	ug/L	92
14) Carbon disulfide	4.379	76	74548	20.312	ug/L	100
15) Methyl Acetate	4.678	43	11339	24.904	ug/L #	91
16) Methylene chloride	4.910	84	37638	19.867	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	36192	23.519	ug/L	87
18) Methyl tert-butyl Ether	5.428	73	57545	27.076	ug/L	94
19) 1,1-Dichloroethane	6.214	63	63329	26.226	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	41991	25.871	ug/L	75
22) 2-Butanone	7.177	43	15961	46.317	ug/L	86
23) Bromochloromethane	7.513	128	19547	25.756	ug/L #	65
25) Chloroform	7.677	83	73192	26.111	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	46560	26.229	ug/L		96
29) Cyclohexane	7.952	56	52119	22.409	ug/L	#	81
30) 1,1,1-Trichloroethane	7.872	97	65475	24.974	ug/L		94
31) Carbon tetrachloride	8.067	117	60685	25.092	ug/L		98
33) Benzene	8.324	78	149580	23.499	ug/L		100
34) Trichloroethene	9.092	95	42784	23.944	ug/L		92
35) Methylcyclohexane	9.336	83	64923	22.026	ug/L	#	84
37) 1,2-Dichloropropane	9.366	63	34821	24.525	ug/L	#	96
38) Bromodichloromethane	9.646	83	51563	26.413	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	58751	26.250	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	36911	47.711	ug/L	#	92
42) Toluene	10.384	91	180654	24.266	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	52241	26.649	ug/L		97
45) 1,1,2-Trichloroethane	10.787	97	29622	25.490	ug/L		89
46) Tetrachloroethene	10.860	164	38663	22.777	ug/L		97
48) 2-Hexanone	10.969	43	27424	48.882	ug/L	#	94
49) Dibromochloromethane	11.128	129	38992	27.217	ug/L		94
50) 1,2-Dibromoethane	11.232	107	29007	25.082	ug/L		94
51) Chlorobenzene	11.658	112	119398	23.955	ug/L		92
52) Ethylbenzene	11.731	91	201158	23.645	ug/L		96
53) m,p-Xylene	11.835	106	82353	23.996	ug/L		80
54) o-Xylene	12.164	106	78115	23.983	ug/L		88
55) Styrene	12.177	104	134160	24.203	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	33507	25.152	ug/L	#	98
59) Bromoform	12.347	173	21196	25.225	ug/L	#	99
60) Isopropylbenzene	12.463	105	219445	22.869	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	24170	23.516	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.939	105	186352	22.822	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	185156	22.986	ug/L		97
64) 1,3-Dichlorobenzene	13.493	146	104032	22.985	ug/L		99
65) 1,4-Dichlorobenzene	13.579	146	105855	23.539	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	90480	22.706	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4671	22.033	ug/L	#	62
69) 1,3,5-Trichlorobenzene	14.627	180	78079	23.080	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	60683	22.302	ug/L		96
71) Naphthalene	15.359	128	102203	23.119	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	51382	22.849	ug/L		99

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

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