Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
Data File : VW021688.D
Acq On : 29 Dec 2021 13:27
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Quant Time: Dec 30 01:15:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80414	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	81706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	48607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41723	26.315	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.280%			
7) Chloroethane-d5	2.879	69	28576	26.760	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.040%			
11) 1,1-Dichloroethene-d2	4.019	63	52316	22.548	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.200%			
21) 2-Butanone-d5	7.080	46	12541	54.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.120%			
24) Chloroform-d	7.647	84	60439	24.061	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.240%			
26) 1,2-Dichloroethane-d4	8.305	65	32220	24.291	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.160%			
32) Benzene-d6	8.275	84	112166	23.120	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.480%			
36) 1,2-Dichloropropane-d6	9.274	67	31030	23.577	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.320%			
41) Toluene-d8	10.323	98	113954	23.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.280%			
43) trans-1,3-Dichloroprop...	10.579	79	14969	23.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.480%			
47) 2-Hexanone-d5	10.920	63	10501	52.611	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.220%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27447	25.296	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	43483	23.394	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	14211	29.803	ug/L	99
3) Chloromethane	2.209	50	30275	24.582	ug/L	99
5) Vinyl chloride	2.355	62	47337	26.061	ug/L	99
6) Bromomethane	2.776	94	31589	26.727	ug/L	99
8) Chloroethane	2.916	64	22751	26.285	ug/L	94
9) Trichlorofluoromethane	3.251	101	23271	21.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31938	23.995	ug/L	89
12) 1,1-Dichloroethene	4.038	96	27692	23.262	ug/L	86
13) Acetone	4.123	43	9584	48.662	ug/L	88
14) Carbon disulfide	4.385	76	85337	24.772	ug/L	97
15) Methyl Acetate	4.672	43	10459	27.833	ug/L #	88
16) Methylene chloride	4.909	84	30752	21.422	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	29711	23.625	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	43731	24.973	ug/L #	84
19) 1,1-Dichloroethane	6.214	63	46895	23.901	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	32358	24.787	ug/L	69
22) 2-Butanone	7.165	43	14470	54.043	ug/L	85
23) Bromochloromethane	7.513	128	15756	24.969	ug/L #	63
25) Chloroform	7.677	83	56012	24.748	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 29 00:22:49 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	35285	24.036	ug/L		100
29) Cyclohexane	7.958	56	42399	22.439	ug/L	#	80
30) 1,1,1-Trichloroethane	7.872	97	51184	23.743	ug/L		95
31) Carbon tetrachloride	8.067	117	49202	23.470	ug/L		98
33) Benzene	8.323	78	116737	23.416	ug/L		100
34) Trichloroethene	9.092	95	32217	22.765	ug/L		91
35) Methylcyclohexane	9.335	83	52842	22.631	ug/L	#	84
37) 1,2-Dichloropropane	9.372	63	26583	24.060	ug/L	#	94
38) Bromodichloromethane	9.646	83	41419	24.561	ug/L	#	95
39) cis-1,3-Dichloropropene	10.073	75	44320	24.552	ug/L		95
40) 4-Methyl-2-pentanone	10.207	43	32047	52.654	ug/L	#	92
42) Toluene	10.390	91	135132	23.481	ug/L		94
44) trans-1,3-Dichloropropene	10.603	75	39393	24.288	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	23285	25.374	ug/L		95
46) Tetrachloroethene	10.866	164	29819	22.500	ug/L		94
48) 2-Hexanone	10.969	43	22963	55.557	ug/L	#	98
49) Dibromochloromethane	11.128	129	31774	25.770	ug/L		93
50) 1,2-Dibromoethane	11.238	107	22994	24.949	ug/L		98
51) Chlorobenzene	11.658	112	88285	23.776	ug/L	#	88
52) Ethylbenzene	11.731	91	147153	22.780	ug/L		94
53) m,p-Xylene	11.835	106	58310	22.527	ug/L		91
54) o-Xylene	12.164	106	57443	23.415	ug/L		85
55) Styrene	12.176	104	99438	23.601	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	26059	25.671	ug/L	#	93
59) Bromoform	12.347	173	19730	27.812	ug/L	#	94
60) Isopropylbenzene	12.463	105	154785	22.844	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	18645	25.067	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.938	105	132357	23.105	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	130280	22.896	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	70089	21.909	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	75459	23.655	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	64059	22.935	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4486	27.391	ug/L	#	72
69) 1,3,5-Trichlorobenzene	14.627	180	52465	22.325	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	41742	22.252	ug/L		93
71) Naphthalene	15.365	128	72568	23.776	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	34901	22.102	ug/L		96

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

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