Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011322\
Data File : VW021898.D
Acq On : 13 Jan 2022 18:06
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025535

Quant Time: Jan 14 00:56:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 12 23:48:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	129165	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130630	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	64526	26.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.520%			
7) Chloroethane-d5	2.879	69	50247	23.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.720%			
11) 1,1-Dichloroethene-d2	4.013	63	90895	23.982	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.920%			
21) 2-Butanone-d5	7.080	46	23938	70.644	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.280%#			
24) Chloroform-d	7.647	84	107853	25.847	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.400%			
26) 1,2-Dichloroethane-d4	8.305	65	55780	27.682	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.720%			
32) Benzene-d6	8.275	84	216690	25.564	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.240%			
36) 1,2-Dichloropropane-d6	9.274	67	57167	25.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.360%			
41) Toluene-d8	10.323	98	215374	25.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.840%			
43) trans-1,3-Dichloroprop...	10.579	79	26026	27.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.760%			
47) 2-Hexanone-d5	10.920	63	21833	72.020	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 144.040%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	51681	29.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.320%			
66) 1,2-Dichlorobenzene-d4	13.847	152	81001	25.509	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	22371	43.933	ug/L	96
3) Chloromethane	2.209	50	43450	23.535	ug/L	95
5) Vinyl chloride	2.355	62	65276	24.612	ug/L	99
6) Bromomethane	2.769	94	44068	23.499	ug/L	100
8) Chloroethane	2.916	64	35055	21.870	ug/L	96
9) Trichlorofluoromethane	3.251	101	38580	19.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	49786	23.207	ug/L #	83
12) 1,1-Dichloroethene	4.037	96	44940	23.310	ug/L	78
13) Acetone	4.123	43	15784	56.381	ug/L	82
14) Carbon disulfide	4.379	76	112099	22.208	ug/L	98
15) Methyl Acetate	4.672	43	15910	28.118	ug/L #	79
16) Methylene chloride	4.909	84	46732	21.141	ug/L	77
17) trans-1,2-Dichloroethene	5.421	96	48397	23.231	ug/L	80
18) Methyl tert-butyl Ether	5.427	73	66294	24.954	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	75196	24.612	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	53025	24.742	ug/L	67
22) 2-Butanone	7.171	43	22216	62.083	ug/L	79
23) Bromochloromethane	7.512	128	25867	24.257	ug/L #	60
25) Chloroform	7.677	83	87442	24.189	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Wed Jan 12 23:48:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	53767	25.685	ug/L		96
29) Cyclohexane	7.951	56	69386	23.743	ug/L	#	75
30) 1,1,1-Trichloroethane	7.866	97	78814	23.277	ug/L	#	92
31) Carbon tetrachloride	8.067	117	75843	23.115	ug/L		99
33) Benzene	8.323	78	186442	23.276	ug/L		100
34) Trichloroethene	9.091	95	53394	22.976	ug/L		87
35) Methylcyclohexane	9.329	83	88929	23.270	ug/L	#	81
37) 1,2-Dichloropropane	9.366	63	41835	23.974	ug/L	#	94
38) Bromodichloromethane	9.646	83	60114	24.678	ug/L	#	96
39) cis-1,3-Dichloropropene	10.073	75	69826	25.752	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	48536	59.210	ug/L	#	86
42) Toluene	10.384	91	215967	24.040	ug/L		95
44) trans-1,3-Dichloropropene	10.603	75	61040	26.897	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	37728	25.465	ug/L		92
46) Tetrachloroethene	10.859	164	51187	22.275	ug/L		93
48) 2-Hexanone	10.963	43	35059	62.509	ug/L	#	88
49) Dibromochloromethane	11.128	129	47969	25.696	ug/L		93
50) 1,2-Dibromoethane	11.231	107	38022	25.854	ug/L	#	98
51) Chlorobenzene	11.652	112	150112	23.665	ug/L		91
52) Ethylbenzene	11.731	91	238962	23.944	ug/L		93
53) m,p-Xylene	11.835	106	99148	23.759	ug/L		84
54) o-Xylene	12.164	106	95073	24.540	ug/L		92
55) Styrene	12.176	104	159539	24.943	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	42748	26.817	ug/L	#	98
59) Bromoform	12.347	173	25632	24.344	ug/L		99
60) Isopropylbenzene	12.463	105	254929	24.241	ug/L		94
61) 1,2,3-Trichloropropane	12.768	75	30622	27.747	ug/L	#	90
62) 1,3,5-Trimethylbenzene	12.938	105	215220	24.714	ug/L		93
63) 1,2,4-Trimethylbenzene	13.249	105	213273	24.832	ug/L		94
64) 1,3-Dichlorobenzene	13.499	146	121247	22.932	ug/L		96
65) 1,4-Dichlorobenzene	13.578	146	122794	23.521	ug/L		91
67) 1,2-Dichlorobenzene	13.865	146	107486	23.219	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5910	27.730	ug/L	#	63
69) 1,3,5-Trichlorobenzene	14.627	180	87728	22.324	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	69060	22.055	ug/L		90
71) Naphthalene	15.359	128	120618	24.971	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	54601	21.116	ug/L		97

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

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