Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011622\
Data File : VW021941.D
Acq On : 15 Jan 2022 13:26
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Quant Time: Jan 17 06:33:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jan 17 03:23:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	153893	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	149963	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	87499	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60960	21.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.240%			
7) Chloroethane-d5	2.885	69	48147	18.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.560%			
11) 1,1-Dichloroethene-d2	4.025	63	109288	24.201	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.800%			
21) 2-Butanone-d5	7.086	46	20186	49.999	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.000%			
24) Chloroform-d	7.653	84	123786	24.898	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	8.311	65	57258	23.849	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	8.275	84	244352	25.111	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.440%			
36) 1,2-Dichloropropane-d6	9.280	67	64322	25.079	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.320%			
41) Toluene-d8	10.323	98	242752	24.747	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	10.579	79	27287	25.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.240%			
47) 2-Hexanone-d5	10.927	63	19404	55.756	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.520%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	49739	24.801	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	95604	26.573	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9895	16.310	ug/L	99
3) Chloromethane	2.215	50	44231	20.108	ug/L	99
5) Vinyl chloride	2.367	62	62611	19.814	ug/L	99
6) Bromomethane	2.788	94	44178	19.773	ug/L	95
8) Chloroethane	2.928	64	34335	17.979	ug/L	99
9) Trichlorofluoromethane	3.263	101	58877	25.073	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	58897	23.043	ug/L	90
12) 1,1-Dichloroethene	4.044	96	54109	23.556	ug/L	79
13) Acetone	4.153	43	11856	35.545	ug/L	84
14) Carbon disulfide	4.391	76	133323	22.169	ug/L	99
15) Methyl Acetate	4.684	43	14319	21.240	ug/L #	82
16) Methylene chloride	4.921	84	50137	19.036	ug/L	78
17) trans-1,2-Dichloroethene	5.434	96	57180	23.037	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	72985	23.058	ug/L #	83
19) 1,1-Dichloroethane	6.220	63	86088	23.650	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	60177	23.567	ug/L	67
22) 2-Butanone	7.183	43	18603	43.633	ug/L	77
23) Bromochloromethane	7.525	128	28602	22.512	ug/L #	57
25) Chloroform	7.677	83	99078	23.004	ug/L	99

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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	8.403	62	56419	22.621	ug/L	#	95
29) Cyclohexane	7.958	56	80598	24.024	ug/L	#	74
30) 1,1,1-Trichloroethane	7.878	97	93487	24.051	ug/L	#	92
31) Carbon tetrachloride	8.073	117	90401	24.000	ug/L		98
33) Benzene	8.329	78	212299	23.087	ug/L		100
34) Trichloroethene	9.091	95	61950	23.221	ug/L		86
35) Methylcyclohexane	9.335	83	105769	24.109	ug/L	#	80
37) 1,2-Dichloropropane	9.372	63	47761	23.842	ug/L	#	94
38) Bromodichloromethane	9.646	83	66063	23.623	ug/L	#	95
39) cis-1,3-Dichloropropene	10.073	75	77242	24.815	ug/L		100
40) 4-Methyl-2-pentanone	10.213	43	43165	45.869	ug/L	#	85
42) Toluene	10.390	91	246760	23.926	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	64797	24.871	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	38500	22.636	ug/L		93
46) Tetrachloroethene	10.866	164	59578	22.584	ug/L		93
48) 2-Hexanone	10.969	43	29739	46.188	ug/L	#	85
49) Dibromochloromethane	11.134	129	50969	23.783	ug/L		99
50) 1,2-Dibromoethane	11.237	107	39314	23.286	ug/L	#	97
51) Chlorobenzene	11.658	112	171560	23.560	ug/L		90
52) Ethylbenzene	11.731	91	273767	23.895	ug/L		93
53) m,p-Xylene	11.841	106	118124	24.657	ug/L		80
54) o-Xylene	12.164	106	109984	24.729	ug/L		87
55) Styrene	12.182	104	180637	24.601	ug/L		87
57) 1,1,2,2-Tetrachloroethane	12.713	83	41104	22.461	ug/L	#	97
59) Bromoform	12.353	173	27796	23.300	ug/L		97
60) Isopropylbenzene	12.463	105	299114	25.103	ug/L		93
61) 1,2,3-Trichloropropane	12.768	75	29937	23.941	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.944	105	252990	25.640	ug/L		93
63) 1,2,4-Trimethylbenzene	13.249	105	247155	25.398	ug/L		92
64) 1,3-Dichlorobenzene	13.499	146	146564	24.465	ug/L		92
65) 1,4-Dichlorobenzene	13.578	146	142039	24.013	ug/L		93
67) 1,2-Dichlorobenzene	13.865	146	122546	23.364	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5588	23.141	ug/L	#	52
69) 1,3,5-Trichlorobenzene	14.627	180	108336	24.331	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	83026	23.402	ug/L		96
71) Naphthalene	15.365	128	137110	25.053	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	69705	23.792	ug/L		98

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

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