Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110222\
Data File : VW025012.D
Acq On : 02 Nov 2022 17:06
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Quant Time: Nov 03 06:31:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 23:51:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	279204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	255655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135019	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60359	19.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.040%			
7) Chloroethane-d5	2.885	69	38265	20.844	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.360%			
11) 1,1-Dichloroethene-d2	4.019	63	166371	21.312	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.240%			
21) 2-Butanone-d5	7.079	46	46951	44.390	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.780%			
24) Chloroform-d	7.646	84	212092	25.030	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.120%			
26) 1,2-Dichloroethane-d4	8.305	65	120784	25.465	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.880%			
32) Benzene-d6	8.274	84	399475	24.378	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.520%			
36) 1,2-Dichloropropane-d6	9.274	67	114078	23.759	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.040%			
41) Toluene-d8	10.323	98	368398	24.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.600%			
43) trans-1,3-Dichloroprop...	10.573	79	51624	24.248	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.000%			
47) 2-Hexanone-d5	10.920	63	38271	46.143	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.280%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91096	23.762	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	125268	24.142	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	23411	25.139	ug/L	89
3) Chloromethane	2.214	50	42121	18.805	ug/L	100
5) Vinyl chloride	2.361	62	65311	21.103	ug/L	97
6) Bromomethane	2.775	94	33107	21.436	ug/L	98
8) Chloroethane	2.922	64	26485	20.515	ug/L	92
9) Trichlorofluoromethane	3.257	101	56225	21.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	87849	23.895	ug/L	99
12) 1,1-Dichloroethene	4.037	96	81919	23.653	ug/L	95
13) Acetone	4.129	43	27704	36.871	ug/L	97
14) Carbon disulfide	4.385	76	228173	22.553	ug/L	97
15) Methyl Acetate	4.677	43	33641	22.488	ug/L	99
16) Methylene chloride	4.921	84	96016	19.368	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	89500	24.133	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	155220	24.951	ug/L	99
19) 1,1-Dichloroethane	6.220	63	167866	24.449	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	101044	24.998	ug/L	99
22) 2-Butanone	7.171	43	43703	38.821	ug/L	97
23) Bromochloromethane	7.518	128	43917	25.062	ug/L	96
25) Chloroform	7.677	83	188164	25.967	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	128327	26.108	ug/L		98
29) Cyclohexane	7.957	56	136528	22.617	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	160822	25.706	ug/L		98
31) Carbon tetrachloride	8.067	117	143174	25.610	ug/L		99
33) Benzene	8.323	78	380454	24.712	ug/L		100
34) Trichloroethene	9.091	95	101049	24.794	ug/L		96
35) Methylcyclohexane	9.335	83	162155	23.416	ug/L		100
37) 1,2-Dichloropropane	9.372	63	93054	24.903	ug/L		99
38) Bromodichloromethane	9.646	83	139510	26.751	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	151255	25.605	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	101488	46.284	ug/L		98
42) Toluene	10.390	91	410750	25.131	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	132888	25.304	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	70453	24.972	ug/L		99
46) Tetrachloroethene	10.859	164	70803	24.292	ug/L		92
48) 2-Hexanone	10.969	43	69046	45.531	ug/L		98
49) Dibromochloromethane	11.128	129	90786	26.399	ug/L		99
50) 1,2-Dibromoethane	11.231	107	66583	24.954	ug/L		92
51) Chlorobenzene	11.658	112	266198	25.126	ug/L		99
52) Ethylbenzene	11.725	91	470251	24.925	ug/L		97
53) m,p-Xylene	11.835	106	182136	24.940	ug/L		100
54) o-Xylene	12.164	106	178563	25.917	ug/L		98
55) Styrene	12.176	104	310002	25.906	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	83094	24.551	ug/L		99
59) Bromoform	12.347	173	46399	24.297	ug/L		94
60) Isopropylbenzene	12.463	105	487736	24.027	ug/L		100
61) 1,2,3-Trichloropropane	12.767	75	62095	22.891	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	436796	24.788	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	427050	24.714	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	206489	24.389	ug/L		93
65) 1,4-Dichlorobenzene	13.578	146	207446	24.556	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	186496	24.499	ug/L	#	87
68) 1,2-Dibromo-3-chloropr...	14.481	75	14702	23.453	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	139918	24.951	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	105705	24.253	ug/L		98
71) Naphthalene	15.358	128	227069	24.696	ug/L		99
72) 1,2,3-Trichlorobenzene	15.547	180	92171	24.271	ug/L		97

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

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