Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011723\
Data File : VW025233.D
Acq On : 17 Jan 2023 15:00
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Quant Time: Jan 18 00:53:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 18 00:51:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	322586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	299297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	62230	16.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.480%			
7) Chloroethane-d5	2.885	69	42193	17.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.520%			
11) 1,1-Dichloroethene-d2	4.019	63	184101	22.444	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.760%			
21) 2-Butanone-d5	7.073	46	48273	50.859	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.720%			
24) Chloroform-d	7.653	84	218647	27.043	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.160%			
26) 1,2-Dichloroethane-d4	8.305	65	119873	28.783	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.120%			
32) Benzene-d6	8.274	84	426182	23.713	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.840%			
36) 1,2-Dichloropropane-d6	9.274	67	117513	22.352	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.400%			
41) Toluene-d8	10.323	98	462992	28.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.240%			
43) trans-1,3-Dichloroprop...	10.579	79	66600	29.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 118.320%			
47) 2-Hexanone-d5	10.920	63	50373	60.806	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.620%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	89094	24.233	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	150066	24.207	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	34387	18.794	ug/L	96
3) Chloromethane	2.215	50	59940	18.585	ug/L	97
5) Vinyl chloride	2.355	62	75471	18.346	ug/L	98
6) Bromomethane	2.775	94	40263	18.646	ug/L	99
8) Chloroethane	2.916	64	34305	17.891	ug/L	99
9) Trichlorofluoromethane	3.257	101	73502	25.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97030	23.398	ug/L	95
12) 1,1-Dichloroethene	4.037	96	93211	23.306	ug/L	97
13) Acetone	4.123	43	56203	50.631	ug/L	95
14) Carbon disulfide	4.385	76	297504	22.450	ug/L	97
15) Methyl Acetate	4.671	43	38184	23.807	ug/L	99
16) Methylene chloride	4.915	84	107698	21.585	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	103035	24.052	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	150405	25.049	ug/L	98
19) 1,1-Dichloroethane	6.220	63	179525	23.823	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	105983	23.804	ug/L	95
22) 2-Butanone	7.171	43	62284	50.496	ug/L	98
23) Bromochloromethane	7.512	128	49864	26.831	ug/L	86
25) Chloroform	7.677	83	201775	27.233	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	134440	29.318	ug/L	99
29) Cyclohexane	7.957	56	164496	20.851	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	172640	25.972	ug/L	99
31) Carbon tetrachloride	8.067	117	161088	26.610	ug/L	100
33) Benzene	8.323	78	437252	24.167	ug/L	100
34) Trichloroethene	9.091	95	114456	24.257	ug/L	94
35) Methylcyclohexane	9.335	83	208629	24.366	ug/L	98
37) 1,2-Dichloropropane	9.366	63	100315	22.547	ug/L	99
38) Bromodichloromethane	9.646	83	163725	29.438	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	196898	29.012	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	136171	58.646	ug/L	99
42) Toluene	10.384	91	547649	28.777	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	169753	29.238	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	90775	29.414	ug/L	98
46) Tetrachloroethene	10.859	164	102013	29.426	ug/L	90
48) 2-Hexanone	10.969	43	108610	60.993	ug/L	98
49) Dibromochloromethane	11.128	129	109486	30.399	ug/L	95
50) 1,2-Dibromoethane	11.231	107	87221	29.876	ug/L	98
51) Chlorobenzene	11.658	112	288322	24.257	ug/L	98
52) Ethylbenzene	11.731	91	508703	23.987	ug/L	99
53) m,p-Xylene	11.835	106	196873	24.021	ug/L	95
54) o-Xylene	12.164	106	183210	24.288	ug/L	97
55) Styrene	12.176	104	317998	24.807	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	84221	24.474	ug/L	98
59) Bromoform	12.347	173	50185	21.806	ug/L	98
60) Isopropylbenzene	12.463	105	505193	19.216	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68385	21.009	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	438425	19.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	433140	19.699	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	225416	20.977	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	264054	24.795	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	231500	24.962	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18647	25.577	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	176649	23.073	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	150036	23.078	ug/L	99
71) Naphthalene	15.359	128	302419	23.735	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	129364	23.197	ug/L	97

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

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