Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030323\
Data File : VV030128.D
Acq On : 03 Mar 2023 09:16
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

Quant Time: Mar 03 22:23:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 03 03:28:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	153785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	150477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	91459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41470	4.168	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.400%			
7) Chloroethane-d5	1.536	69	43625	4.670	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.066	63	98873	4.833	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.600%			
20) 2-Butanone-d5	3.835	46	97726	53.268	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.540%			
24) Chloroform-d	4.259	84	103590	5.096	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	4.953	65	41931	5.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	4.970	84	182724	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	5.998	67	57888	4.752	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.249	98	170299	4.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	7.558	79	19017	4.563	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.200%			
46) 2-Hexanone-d5	8.034	63	87781	50.913	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.820%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47182	5.445	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	11.571	152	66596	4.304	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	70821	5.660	ug/L	99
3) Chloromethane	1.217	50	99182	5.030	ug/L	98
5) Vinyl chloride	1.285	62	72541	5.536	ug/L	99
6) Bromomethane	1.491	94	14819	6.300	ug/L	93
8) Chloroethane	1.555	64	45953	5.756	ug/L	96
9) Trichlorofluoromethane	1.719	101	107427	5.714	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	66762	5.726	ug/L	99
12) 1,1-Dichloroethene	2.076	96	59035	5.720	ug/L	93
13) Acetone	2.166	43	75191	55.452	ug/L #	53
14) Carbon disulfide	2.246	76	151084	5.471	ug/L	99
15) Methyl Acetate	2.394	43	17293	5.461	ug/L	98
16) Methylene chloride	2.452	84	59328	4.706	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	107909	5.347	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	53960	5.496	ug/L	97
19) 1,1-Dichloroethane	3.121	63	104481	5.713	ug/L	99
21) 2-Butanone	3.908	43	99681	54.661	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	56689	5.224	ug/L	100
23) Bromochloromethane	4.159	128	27118	5.848	ug/L	98
25) Chloroform	4.285	83	112769	5.927	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57528	5.781	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	100710	5.697	ug/L	99
30) Cyclohexane	4.593	56	72444	4.743	ug/L	98
31) Carbon tetrachloride	4.744	117	89110	5.609	ug/L	98
33) Benzene	5.018	78	225320	5.483	ug/L	100
34) Trichloroethene	5.841	95	59800	5.193	ug/L	99
35) Methylcyclohexane	6.059	83	84734	4.862	ug/L	97
37) 1,2-Dichloropropane	6.101	63	58348	5.581	ug/L	99
38) Bromodichloromethane	6.442	83	76206	5.710	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	76823	5.019	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	242022	56.098	ug/L	99
42) Toluene	7.323	91	246227	5.532	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	64771	5.421	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	42345	5.660	ug/L	99
47) Tetrachloroethene	7.912	164	54055	5.469	ug/L	99
48) 2-Hexanone	8.085	43	179228	58.029	ug/L	99
49) Dibromochloromethane	8.185	129	50932	5.818	ug/L	100
50) 1,2-Dibromoethane	8.291	107	39137	5.607	ug/L	95
51) Chlorobenzene	8.821	112	158355	5.275	ug/L	100
52) Ethylbenzene	8.953	91	255776	5.280	ug/L	99
53) m,p-Xylene	9.082	106	99631	5.352	ug/L	97
54) o-Xylene	9.487	106	93080	5.234	ug/L	97
55) Styrene	9.503	104	168833	5.709	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	49026	5.859	ug/L	100
59) Bromoform	9.674	173	30843	5.626	ug/L	99
60) Isopropylbenzene	9.876	105	262781	4.993	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	32823	5.362	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	207134	4.792	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	217376	4.916	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	140830	5.140	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	142136	5.141	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	125222	5.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6893	5.042	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	110339	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	84123	4.610	ug/L	99
71) Naphthalene	13.448	128	105815	4.437	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	71770	4.778	ug/L	99

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

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