Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032361.D
Acq On : 10 Oct 2023 04:43
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005396

Quant Time: Oct 10 06:04:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	110569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46130	5.130	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.600%			
7) Chloroethane-d5	1.532	69	36669	5.023	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.060	65	17218	4.540	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.800%			
20) 2-Butanone-d5	3.806	46	101718	44.715	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.440%			
24) Chloroform-d	4.253	84	76265	4.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
26) 1,2-Dichloroethane-d4	4.947	65	35339	4.703	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	4.963	84	146047	4.172	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
36) 1,2-Dichloropropane-d6	5.992	67	45924	3.959	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.200%			
41) Toluene-d8	7.246	98	145535	4.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	7.558	79	17625	4.288	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.031	63	91482	47.307	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.620%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37385	4.608	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	52155	4.542	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	62311	5.057	ug/L	99
3) Chloromethane	1.217	50	63228	5.090	ug/L	100
5) Vinyl chloride	1.282	62	61521	5.193	ug/L	99
6) Bromomethane	1.487	94	35456	4.954	ug/L	97
8) Chloroethane	1.552	64	38067	5.337	ug/L	99
9) Trichlorofluoromethane	1.716	101	72401	5.096	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44450	5.163	ug/L	98
12) 1,1-Dichloroethene	2.069	96	40523	4.997	ug/L	98
13) Acetone	2.134	43	77670	44.300	ug/L	96
14) Carbon disulfide	2.243	76	126715	4.470	ug/L	98
15) Methyl Acetate	2.384	43	18733	4.746	ug/L	93
16) Methylene chloride	2.449	84	52322	4.949	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	104498	4.733	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	44307	4.770	ug/L	99
19) 1,1-Dichloroethane	3.114	63	85028	4.866	ug/L	98
21) 2-Butanone	3.886	43	120222	43.848	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	48481	4.848	ug/L	97
23) Bromochloromethane	4.153	128	21327	5.069	ug/L	97
25) Chloroform	4.281	83	86839	5.065	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	50955	5.031	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	71895	4.445	ug/L	99
30) Cyclohexane	4.584	56	70669	3.976	ug/L	99
31) Carbon tetrachloride	4.738	117	60927	4.452	ug/L	97
33) Benzene	5.015	78	181818	4.341	ug/L	100
34) Trichloroethene	5.834	95	51320	4.488	ug/L	97
35) Methylcyclohexane	6.053	83	75266	4.253	ug/L	95
37) 1,2-Dichloropropane	6.098	63	53881	4.810	ug/L	98
38) Bromodichloromethane	6.436	83	63490	4.770	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	67440	4.230	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	322291	45.464	ug/L	100
42) Toluene	7.317	91	209217	4.685	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54006	4.122	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	36528	4.623	ug/L	98
47) Tetrachloroethene	7.908	164	38488	4.438	ug/L	97
48) 2-Hexanone	8.079	43	226779	45.341	ug/L	99
49) Dibromochloromethane	8.178	129	39230	4.768	ug/L	95
50) 1,2-Dibromoethane	8.288	107	34268	4.585	ug/L	96
51) Chlorobenzene	8.818	112	132036	4.593	ug/L	99
52) Ethylbenzene	8.950	91	224574	4.517	ug/L	99
53) m,p-Xylene	9.075	106	83946	4.552	ug/L	96
54) o-Xylene	9.481	106	79865	4.495	ug/L	100
55) Styrene	9.500	104	141735	4.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	41429	4.765	ug/L	95
59) Bromoform	9.670	173	20297	4.511	ug/L	98
60) Isopropylbenzene	9.870	105	221937	4.615	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29421	4.467	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	172276	4.395	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	174144	4.463	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	106538	4.637	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	106076	4.602	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	97426	4.650	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6185	4.596	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	73829	4.388	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	63861	4.279	ug/L	100
71) Naphthalene	13.445	128	110783	4.370	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	59563	4.632	ug/L	99

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

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