Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
Data File : VV032340.D
Acq On : 09 Oct 2023 19:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005395

Quant Time: Oct 10 01:21:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 07 05:00:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	106586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51499	5.941	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.800%			
7) Chloroethane-d5	1.535	69	39292	5.584	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.600%			
11) 1,1-Dichloroethene-d2	2.063	65	18864	5.160	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.200%			
20) 2-Butanone-d5	3.815	46	104397	47.608	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.220%			
24) Chloroform-d	4.259	84	80835	5.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.800%			
26) 1,2-Dichloroethane-d4	4.950	65	37045	5.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	4.966	84	155143	4.496	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	5.995	67	48484	4.241	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.800%			
41) Toluene-d8	7.246	98	159502	5.055	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	7.558	79	18451	4.554	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.000%			
46) 2-Hexanone-d5	8.030	63	94509	49.583	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.160%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39185	4.900	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.000%			
66) 1,2-Dichlorobenzene-d4	11.564	152	55433	4.843	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	65129	5.483	ug/L	98
3) Chloromethane	1.217	50	64720	5.405	ug/L	99
5) Vinyl chloride	1.285	62	62586	5.480	ug/L	99
6) Bromomethane	1.490	94	35158	5.096	ug/L	99
8) Chloroethane	1.551	64	38419	5.588	ug/L	100
9) Trichlorofluoromethane	1.715	101	76200	5.564	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	45784	5.517	ug/L	97
12) 1,1-Dichloroethene	2.072	96	42836	5.480	ug/L	95
13) Acetone	2.143	43	75504	44.673	ug/L	99
14) Carbon disulfide	2.243	76	130622	4.780	ug/L	98
15) Methyl Acetate	2.391	43	18766	4.932	ug/L	94
16) Methylene chloride	2.452	84	50596	4.965	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	104404	4.906	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	45343	5.064	ug/L	96
19) 1,1-Dichloroethane	3.117	63	87681	5.206	ug/L	99
21) 2-Butanone	3.895	43	126504	47.863	ug/L	99
22) cis-1,2-Dichloroethene	3.821	96	48391	5.019	ug/L	96
23) Bromochloromethane	4.156	128	21613	5.329	ug/L	95
25) Chloroform	4.281	83	87341	5.285	ug/L	99

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VSTD005395

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	50411	5.163	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	71723	4.498	ug/L	98
30) Cyclohexane	4.587	56	70985	4.052	ug/L	99
31) Carbon tetrachloride	4.741	117	61112	4.530	ug/L	100
33) Benzene	5.014	78	185475	4.492	ug/L	100
34) Trichloroethene	5.837	95	49783	4.417	ug/L	94
35) Methylcyclohexane	6.053	83	79753	4.572	ug/L	95
37) 1,2-Dichloropropane	6.098	63	48012	4.348	ug/L	99
38) Bromodichloromethane	6.436	83	63430	4.835	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	69388	4.416	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	320811	45.913	ug/L	100
42) Toluene	7.320	91	213735	4.856	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	54468	4.218	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	36875	4.734	ug/L	99
47) Tetrachloroethene	7.908	164	39432	4.613	ug/L	96
48) 2-Hexanone	8.082	43	228612	46.372	ug/L	99
49) Dibromochloromethane	8.181	129	39431	4.862	ug/L	100
50) 1,2-Dibromoethane	8.288	107	34586	4.695	ug/L	95
51) Chlorobenzene	8.818	112	133727	4.719	ug/L	99
52) Ethylbenzene	8.950	91	226664	4.625	ug/L	100
53) m,p-Xylene	9.075	106	85346	4.695	ug/L	99
54) o-Xylene	9.480	106	82820	4.729	ug/L	100
55) Styrene	9.500	104	142519	4.818	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	43810	5.112	ug/L	99
59) Bromoform	9.670	173	20295	4.525	ug/L	99
60) Isopropylbenzene	9.869	105	226316	4.721	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	30833	4.697	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	177367	4.540	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	176589	4.540	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	107257	4.684	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	106973	4.656	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	99270	4.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6018	4.487	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	75913	4.527	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	64480	4.335	ug/L	99
71) Naphthalene	13.442	128	104947	4.153	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	59545	4.646	ug/L	98

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

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