Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029845.D
Acq On : 14 Jan 2023 06:17
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005384

Quant Time: Jan 16 00:39:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	206044	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	201103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76139	4.872	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.400%			
7) Chloroethane-d5	1.564	69	68218	5.266	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.400%			
11) 1,1-Dichloroethene-d2	2.105	63	148200	5.202	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.000%			
20) 2-Butanone-d5	3.915	46	152828	55.173	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.340%			
24) Chloroform-d	4.339	84	151787	5.295	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.800%			
26) 1,2-Dichloroethane-d4	5.027	65	64845	5.341	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
32) Benzene-d6	5.040	84	306602	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
36) 1,2-Dichloropropane-d6	6.063	67	90280	5.171	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.307	98	292763	5.301	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
43) trans-1,3-Dichloroprop...	7.612	79	29772	4.669	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.088	63	144521	55.675	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.340%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	71475	5.587	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.800%			
66) 1,2-Dichlorobenzene-d4	11.612	152	104454	4.871	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	105977	5.526	ug/L	99
3) Chloromethane	1.240	50	106735	5.289	ug/L	98
5) Vinyl chloride	1.307	62	116986	5.911	ug/L	100
6) Bromomethane	1.519	94	47243	4.903	ug/L	98
8) Chloroethane	1.581	64	71296	5.938	ug/L	98
9) Trichlorofluoromethane	1.748	101	148843	5.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84900	5.560	ug/L	98
12) 1,1-Dichloroethene	2.114	96	88341	5.021	ug/L	96
13) Acetone	2.211	43	99842	50.501	ug/L	99
14) Carbon disulfide	2.288	76	245397	4.845	ug/L	100
15) Methyl Acetate	2.442	43	26731	5.192	ug/L	99
16) Methylene chloride	2.500	84	114304	5.230	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	173120	5.691	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	92248	5.641	ug/L	97
19) 1,1-Dichloroethane	3.182	63	156426	5.717	ug/L	99
21) 2-Butanone	3.992	43	159104	56.175	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	92591	5.313	ug/L	95
23) Bromochloromethane	4.240	128	42004	5.837	ug/L	95
25) Chloroform	4.365	83	160320	5.391	ug/L	99

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ClientSampleId :
VSTD005384

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87230	6.037	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	142032	5.439	ug/L	99
30) Cyclohexane	4.667	56	134837	5.454	ug/L	99
31) Carbon tetrachloride	4.818	117	120069	5.284	ug/L	99
33) Benzene	5.092	78	379464	5.707	ug/L	100
34) Trichloroethene	5.905	95	93875	5.571	ug/L	98
35) Methylcyclohexane	6.124	83	153532	5.397	ug/L	99
37) 1,2-Dichloropropane	6.166	63	92415	5.935	ug/L	100
38) Bromodichloromethane	6.503	83	110518	5.488	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	103894	4.976	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	405356	61.003	ug/L	99
42) Toluene	7.378	91	415857	5.799	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	84912	5.046	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	62495	5.571	ug/L	98
47) Tetrachloroethene	7.966	164	77496	5.463	ug/L	99
48) 2-Hexanone	8.137	43	287383	60.508	ug/L	100
49) Dibromochloromethane	8.236	129	69068	5.246	ug/L	99
50) 1,2-Dibromoethane	8.342	107	55673	5.717	ug/L	100
51) Chlorobenzene	8.873	112	254086	5.580	ug/L	99
52) Ethylbenzene	9.001	91	412710	5.499	ug/L	99
53) m,p-Xylene	9.130	106	165693	5.578	ug/L	99
54) o-Xylene	9.535	106	158378	5.617	ug/L	99
55) Styrene	9.551	104	285720	5.892	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	74552	5.982	ug/L	98
59) Bromoform	9.722	173	35206	4.609	ug/L	97
60) Isopropylbenzene	9.921	105	420499	5.578	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	50352	5.766	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	341613	5.288	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	348888	5.416	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	206591	5.396	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	209092	5.479	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	185610	5.393	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9565	4.631	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	155822	5.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	122326	5.080	ug/L	100
71) Naphthalene	13.490	128	161332	5.172	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	105879	5.298	ug/L	100

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

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