Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
Data File : VR026237.D
Acq On : 20 Nov 2018 19:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Nov 21 03:24:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	670955	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	574445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	231880	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	240308	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	2.63	69	214698	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	3.61	63	591540	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	6.59	46	227968	48.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.24%			
24) Chloroform-d	7.20	84	458250	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	7.90	65	180456	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	7.85	84	895703	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	8.90	67	222276	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	9.97	98	853391	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	10.24	79	64464	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	10.59	63	169391	53.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.66%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95295	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	180044	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	223834	4.765	ug/L	98
3) Chloromethane	2.01	50	271717	4.502	ug/L	100
5) Vinyl chloride	2.17	62	273663	4.612	ug/L	98
6) Bromomethane	2.52	94	184584	4.647	ug/L	96
8) Chloroethane	2.66	64	169502	4.567	ug/L	99
9) Trichlorofluoromethane	2.94	101	432744m	4.803	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	237489	4.589	ug/L	99
12) 1,1-Dichloroethene	3.63	96	256063	4.548	ug/L	98
13) Acetone	3.70	43	170267	47.800	ug/L	99
14) Carbon disulfide	3.94	76	670013	4.767	ug/L	98
15) Methyl Acetate	4.19	43	43430	4.202	ug/L #	77
16) Methylene chloride	4.40	84	215262	4.276	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	276217	4.744	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	225867	4.367	ug/L	91
19) 1,1-Dichloroethane	5.69	63	417050	4.493	ug/L	98
21) 2-Butanone	6.69	43	239131	47.687	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	214581	4.604	ug/L #	92

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	61743	4.400	ug/L		94
25) Chloroform	7.23	83	419062	4.162	ug/L		96
27) 1,2-Dichloroethane	7.99	62	184415	4.497	ug/L		96
29) 1,1,1-Trichloroethane	7.43	97	361431	4.450	ug/L		99
30) Cyclohexane	7.52	56	345671	4.785	ug/L		99
31) Carbon tetrachloride	7.64	117	328119	4.445	ug/L		98
33) Benzene	7.91	78	933917	4.449	ug/L		100
34) Trichloroethene	8.71	95	240019	4.317	ug/L		97
35) Methylcyclohexane	8.96	83	361057	4.878	ug/L		99
37) 1,2-Dichloropropane	9.00	63	190000	4.374	ug/L		100
38) Bromodichloromethane	9.28	83	224398	4.426	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	234376	4.700	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	594415	49.236	ug/L		99
42) Toluene	10.04	91	1033177	4.120	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	160262	4.709	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	85510	4.574	ug/L		88
47) Tetrachloroethene	10.51	164	175973	4.310	ug/L		96
48) 2-Hexanone	10.63	43	405236	49.974	ug/L		97
49) Dibromochloromethane	10.79	129	104755	4.611	ug/L		100
50) 1,2-Dibromoethane	10.89	107	72947	4.475	ug/L		97
51) Chlorobenzene	11.32	112	555389	4.526	ug/L		99
52) Ethylbenzene	11.39	91	1179864	4.698	ug/L		100
53) m,p-Xylene	11.50	106	425958	4.599	ug/L		97
54) o-Xylene	11.83	106	393592	4.641	ug/L		98
55) Styrene	11.84	104	615987	4.760	ug/L		99
56) Isopropylbenzene	12.13	105	1132218	4.874	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.39	83	84161	4.625	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	62058	4.549	ug/L		97
61) Bromoform	12.01	173	38045	4.278	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	345404	4.679	ug/L		96
63) 1,4-Dichlorobenzene	13.24	146	351211	4.410	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	273812	4.516	ug/L		94
66) 1,2-Dibromo-3-chloropropan	14.15	75	8816	4.349	ug/L	#	81
67) 1,3,5-Trichlorobenzene	14.30	180	220521	4.613	ug/L		100
68) 1,2,4-trichlorobenzene	14.79	180	127871	4.731	ug/L		100
69) Naphthalene	15.01	128	128519	4.881	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	93532	4.837	ug/L		98

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

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