Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
Data File : VR026235.D
Acq On : 20 Nov 2018 17:25
Operator : SY/MD
Sample : VSTD02092
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD02092

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:07 PM

Quant Time: Nov 20 17:54:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	714381	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	625740	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	266476	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	1027572	19.49	ug/L		0.01
7) Chloroethane-d5	2.63	69	890813	18.11	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	2556017	18.39	ug/L		0.00
20) 2-Butanone-d5	6.59	46	1169166	255.11	ug/L		0.00
24) Chloroform-d	7.20	84	2138843	22.85	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	841808	22.64	ug/L		0.00
32) Benzene-d6	7.86	84	4400684	24.57	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	1091504	22.91	ug/L		0.00
41) Toluene-d8	9.97	98	4240933	25.50	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	330606	27.72	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	871900	250.79	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	439495	22.40	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	957090	24.73	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	939851	20.736	ug/L		98
3) Chloromethane	2.02	50	1165564	14.996	ug/L		98
5) Vinyl chloride	2.17	62	1166548	15.220	ug/L		94
6) Bromomethane	2.53	94	775147	15.196	ug/L		98
8) Chloroethane	2.66	64	716170	14.787	ug/L		100
9) Trichlorofluoromethane	2.94	101	1818607m	17.653	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	974572	16.471	ug/L		100
12) 1,1-Dichloroethene	3.63	96	1087567	15.577	ug/L		99
13) Acetone	3.70	43	804176	166.013	ug/L		98
14) Carbon disulfide	3.94	76	3066826	16.138	ug/L		99
15) Methyl Acetate	4.20	43	203413	16.149	ug/L		99
16) Methylene chloride	4.40	84	920745	15.645	ug/L		98
17) Methyl tert-butyl Ether	4.89	73	1377383	23.321	ug/L		98
18) trans-1,2-Dichloroethene	4.89	96	1132731	21.031	ug/L		98
19) 1,1-Dichloroethane	5.69	63	1935915	19.625	ug/L		97
21) 2-Butanone	6.69	43	1196547	213.870	ug/L		97
22) cis-1,2-Dichloroethene	6.68	96	1069606	22.452	ug/L	#	96
23) Bromochloromethane	7.06	128	294048	20.215	ug/L		96
25) Chloroform	7.23	83	1907285	19.805	ug/L		97
27) 1,2-Dichloroethane	7.99	62	837990	18.746	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	1718153	20.510	ug/L		98
30) Cyclohexane	7.52	56	1689485	23.023	ug/L		98
31) Carbon tetrachloride	7.64	117	1538480	20.688	ug/L		97
33) Benzene	7.91	78	4544529	20.122	ug/L		100
34) Trichloroethene	8.71	95	1197771	20.817	ug/L		97
35) Methylcyclohexane	8.96	83	1739135	23.243	ug/L		99
37) 1,2-Dichloropropane	9.00	63	912240	19.255	ug/L		98
38) Bromodichloromethane	9.28	83	1079723	20.428	ug/L		95
39) cis-1,3-Dichloropropene	9.72	75	1236366	23.088	ug/L		100
40) 4-Methyl-2-pentanone	9.87	43	2903864	216.936	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	4910020	20.868	ug/L		92
44) trans-1,3-Dichloropropene	10.26	75	844950	23.653	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	400843	19.602	ug/L		96
47) Tetrachloroethene	10.51	164	914678	23.271	ug/L		95
48) 2-Hexanone	10.63	43	1942092	215.144	ug/L		99
49) Dibromochloromethane	10.79	129	531508	21.946	ug/L		97
50) 1,2-Dibromoethane	10.89	107	359687	20.747	ug/L	#	91
51) Chlorobenzene	11.32	112	2662367	20.368	ug/L		99
52) Ethylbenzene	11.39	91	5470158	20.496	ug/L		90
53) m,p-Xylene	11.50	106	2189198	22.598	ug/L		91
54) o-Xylene	11.83	106	2120834	23.990	ug/L		86
55) Styrene	11.84	104	3209169	23.353	ug/L		100
56) Isopropylbenzene	12.13	105	5345468	22.390	ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.39	83	380769	19.277	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	280407	18.853	ug/L		97
61) Bromoform	12.01	173	215880	20.493	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	1776159	22.023	ug/L		100
63) 1,4-Dichlorobenzene	13.24	146	1758602	19.827	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	1389352	20.529	ug/L		93
66) 1,2-Dibromo-3-chloropropan	14.15	75	43689	17.402	ug/L		94
67) 1,3,5-Trichlorobenzene	14.29	180	1150056	22.893	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	695987	24.819	ug/L		99
69) Naphthalene	15.00	128	783837	26.493	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	464989	23.692	ug/L		98

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

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