Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025876.D
Acq On : 27 Sep 2018 14:41
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
10/1/2018 11:53:53 AM

Quant Time: Sep 27 15:34:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 15:06:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	609314	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	523200	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	196362	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	890285	20.40	ug/L		0.02
7) Chloroethane-d5	2.63	69	698031	20.37	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.63	63	1959219	18.56	ug/L		-0.01
20) 2-Butanone-d5	6.59	46	1124089	193.27	ug/L		0.00
24) Chloroform-d	7.20	84	1703164	18.61	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	756422	19.17	ug/L		0.00
32) Benzene-d6	7.85	84	3415404	17.59	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	915263	17.27	ug/L		0.00
41) Toluene-d8	9.97	98	3372978	19.30	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	262611	17.91	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	915759	187.06	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	368439	18.27	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	673778	20.07	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	733558	11.559	ug/L		95
3) Chloromethane	2.02	50	911282	13.190	ug/L		99
5) Vinyl chloride	2.18	62	904388	13.820	ug/L		98
6) Bromomethane	2.52	94	549814	14.780	ug/L		97
8) Chloroethane	2.66	64	512265	13.776	ug/L		96
9) Trichlorofluoromethane	2.93	101	1309649m	16.139	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	744269	15.053	ug/L		95
12) 1,1-Dichloroethene	3.65	96	790528	15.040	ug/L		93
13) Acetone	3.70	43	664502	173.134	ug/L		98
14) Carbon disulfide	3.94	76	2228370	15.067	ug/L		99
15) Methyl Acetate	4.19	43	178856	14.525	ug/L		98
16) Methylene chloride	4.40	84	680992	14.410	ug/L		98
17) Methyl tert-butyl Ether	4.90	73	1072649	11.668	ug/L		99
18) trans-1,2-Dichloroethene	4.88	96	794126	13.354	ug/L		90
19) 1,1-Dichloroethane	5.69	63	1431162	11.771	ug/L		98
21) 2-Butanone	6.69	43	1062488	132.825	ug/L		100
22) cis-1,2-Dichloroethene	6.67	96	768491	12.830	ug/L	#	96
23) Bromochloromethane	7.05	128	204930	12.981	ug/L		86
25) Chloroform	7.23	83	1405521	12.573	ug/L		100
27) 1,2-Dichloroethane	7.99	62	690204	11.946	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	1176877	11.137	ug/L		100
30) Cyclohexane	7.51	56	1341236	10.647	ug/L		97
31) Carbon tetrachloride	7.64	117	1044217	12.010	ug/L		99
33) Benzene	7.91	78	3378393	12.300	ug/L		100
34) Trichloroethene	8.71	95	857630	11.765	ug/L		95
35) Methylcyclohexane	8.95	83	1327988	11.109	ug/L		98
37) 1,2-Dichloropropane	9.00	63	713740	11.655	ug/L		99
38) Bromodichloromethane	9.28	83	821659	12.153	ug/L		96
39) cis-1,3-Dichloropropene	9.72	75	943571	12.586	ug/L		100
40) 4-Methyl-2-pentanone	9.87	43	2687263	126.041	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	3566631	12.741	ug/L		100
44) trans-1,3-Dichloropropene	10.26	75	657985	12.665	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	313407	12.207	ug/L		96
47) Tetrachloroethene	10.51	164	587248	14.085	ug/L		92
48) 2-Hexanone	10.63	43	1761869	125.656	ug/L		99
49) Dibromochloromethane	10.79	129	387185	14.475	ug/L		97
50) 1,2-Dibromoethane	10.89	107	278508	12.326	ug/L	#	99
51) Chlorobenzene	11.32	112	1893214	12.892	ug/L		96
52) Ethylbenzene	11.39	91	4034303	12.526	ug/L		94
53) m,p-Xylene	11.50	106	1500377	12.919	ug/L		91
54) o-Xylene	11.83	106	1469498	13.819	ug/L		86
55) Styrene	11.84	104	2309823	14.019	ug/L		94
56) Isopropylbenzene	12.13	105	3848875	12.932	ug/L		97
58) 1,1,2,2-Tetrachloroethane	12.39	83	306811	12.178	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	225041	11.252	ug/L		99
61) Bromoform	12.01	173	139193	15.191	ug/L		96
62) 1,3-Dichlorobenzene	13.16	146	1174063	12.921	ug/L		92
63) 1,4-Dichlorobenzene	13.24	146	1146192	13.070	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	934874	13.514	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	32368	10.234	ug/L	#	76
67) 1,3,5-Trichlorobenzene	14.29	180	722712	14.100	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	450293	13.808	ug/L		98
69) Naphthalene	15.00	128	610594	12.865	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	305500	13.187	ug/L		98

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

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