Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021919\
Data File : VR026340.D
Acq On : 19 Feb 2019 16:10
Operator : SY/MD
Sample : VSTD01093
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD01093

Manual Integrations APPROVED
MMDadoda
2/21/2019 3:41:42 PM

Quant Time: Feb 19 16:43:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 16:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	611236	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	537525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	221582	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	436174	7.83	ug/L	0.00
7) Chloroethane-d5	2.63	69	372389	8.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1078463	8.05	ug/L	0.00
20) 2-Butanone-d5	6.58	46	407523	114.68	ug/L	0.00
24) Chloroform-d	7.20	84	836775	9.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	315692	9.36	ug/L	0.00
32) Benzene-d6	7.85	84	1673798	9.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	420569	8.95	ug/L	0.00
41) Toluene-d8	9.97	98	1622621	9.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	116895	9.23	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	365411	127.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	164753	9.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	323871	8.73	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	387193	6.875	ug/L	97
3) Chloromethane	2.02	50	496772	7.725	ug/L	99
5) Vinyl chloride	2.17	62	480495	7.417	ug/L	98
6) Bromomethane	2.52	94	315727	7.578	ug/L	98
8) Chloroethane	2.66	64	290421	7.462	ug/L	99
9) Trichlorofluoromethane	2.93	101	782528m	7.459	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	408541	7.363	ug/L	97
12) 1,1-Dichloroethene	3.62	96	441462	7.559	ug/L	81
13) Acetone	3.69	43	336541	89.797	ug/L	99
14) Carbon disulfide	3.93	76	1366103	7.155	ug/L	99
15) Methyl Acetate	4.19	43	86690	8.404	ug/L	98
16) Methylene chloride	4.40	84	392263	7.933	ug/L	96
17) Methyl tert-butyl Ether	4.89	73	480492	9.372	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	432333	8.157	ug/L	99
19) 1,1-Dichloroethane	5.69	63	755513	8.304	ug/L	99
21) 2-Butanone	6.69	43	453675	106.929	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	408108	9.546	ug/L	99
23) Bromochloromethane	7.04	128	116079	8.704	ug/L	95
25) Chloroform	7.23	83	739777	8.370	ug/L	99
27) 1,2-Dichloroethane	7.99	62	338968	8.866	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	674292	7.620	ug/L	99
30) Cyclohexane	7.51	56	634260	8.953	ug/L	99
31) Carbon tetrachloride	7.63	117	609861	7.435	ug/L	100
33) Benzene	7.90	78	1755242	8.253	ug/L	100
34) Trichloroethene	8.71	95	437510	7.978	ug/L	98
35) Methylcyclohexane	8.95	83	661043	8.668	ug/L	98
37) 1,2-Dichloropropane	8.99	63	366235	7.975	ug/L	98
38) Bromodichloromethane	9.28	83	418292	8.168	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	463624	9.811	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	1171766	110.691	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.03	91	1868807	8.549	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	334348	9.538	ug/L		98
45) 1,1,2-Trichloroethane	10.44	97	162147	8.456	ug/L		97
47) Tetrachloroethene	10.51	164	328155	7.799	ug/L		98
48) 2-Hexanone	10.63	43	768954	108.026	ug/L		97
49) Dibromochloromethane	10.78	129	213843	8.677	ug/L		100
50) 1,2-Dibromoethane	10.88	107	132421	8.685	ug/L	#	94
51) Chlorobenzene	11.31	112	1007755	8.063	ug/L		99
52) Ethylbenzene	11.39	91	2124130	8.691	ug/L		98
53) m,p-Xylene	11.50	106	788697	8.832	ug/L		97
54) o-Xylene	11.83	106	725280	9.417	ug/L		97
55) Styrene	11.84	104	1143932	9.455	ug/L		100
56) Isopropylbenzene	12.13	105	2037242	9.304	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	150708	8.484	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	107436	8.392	ug/L		98
61) Bromoform	12.01	173	84964	7.786	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	615852	8.509	ug/L		99
63) 1,4-Dichlorobenzene	13.24	146	644655	7.802	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	508495	8.199	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	16712	7.454	ug/L		90
67) 1,3,5-Trichlorobenzene	14.29	180	393824	8.490	ug/L		99
68) 1,2,4-trichlorobenzene	14.78	180	230616	9.212	ug/L		99
69) Naphthalene	15.00	128	236023	10.506	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	171570	9.495	ug/L		96

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

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