Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040419\
Data File : VR026452.D
Acq On : 4 Apr 2019 18:05
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00596

Manual Integrations APPROVED
MMDadoda
4/5/2019 11:44:16 AM

Quant Time: Apr 05 07:57:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 05 07:16:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503084	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	426956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	178303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	181519	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	2.62	69	154967	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	3.61	63	484610	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	6.58	46	173738	50.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.96%			
24) Chloroform-d	7.20	84	344660	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	7.89	65	147246	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	7.85	84	637288	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	8.89	67	166984	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	9.97	98	605682	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	10.24	79	41687	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	10.59	63	148614	59.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.24%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70190	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	119959	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	232757	4.514	ug/L	98
3) Chloromethane	2.01	50	265329	4.879	ug/L	100
5) Vinyl chloride	2.16	62	261633	4.896	ug/L	100
6) Bromomethane	2.52	94	155571	4.979	ug/L	95
8) Chloroethane	2.65	64	152343	5.028	ug/L	98
9) Trichlorofluoromethane	2.93	101	392559m	5.306	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	194700	4.770	ug/L	99
12) 1,1-Dichloroethene	3.63	96	222374	4.984	ug/L	95
13) Acetone	3.70	43	174066	50.543	ug/L	95
14) Carbon disulfide	3.93	76	633321	4.890	ug/L	100
15) Methyl Acetate	4.19	43	45336	4.879	ug/L	98
16) Methylene chloride	4.40	84	182170	4.593	ug/L	90
17) Methyl tert-butyl Ether	4.88	73	233494	4.601	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	199197	4.732	ug/L	92
19) 1,1-Dichloroethane	5.69	63	369457	4.723	ug/L	99
21) 2-Butanone	6.69	43	240389	54.289	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	176313	5.036	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	51157	4.689	ug/L		98
25) Chloroform	7.23	83	359244	4.800	ug/L		98
27) 1,2-Dichloroethane	7.99	62	183034	4.904	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	315869	4.482	ug/L		98
30) Cyclohexane	7.51	56	327296	4.999	ug/L		99
31) Carbon tetrachloride	7.63	117	309022	4.629	ug/L		100
33) Benzene	7.90	78	808453	4.845	ug/L		100
34) Trichloroethene	8.71	95	201944	4.518	ug/L		95
35) Methylcyclohexane	8.95	83	306789	4.813	ug/L		99
37) 1,2-Dichloropropane	8.99	63	167281	4.575	ug/L		99
38) Bromodichloromethane	9.28	83	204845	4.848	ug/L		98
39) cis-1,3-Dichloropropene	9.72	75	203403	5.125	ug/L		99
40) 4-Methyl-2-pentanone	9.86	43	614841	57.384	ug/L		97
42) Toluene	10.03	91	863430	5.049	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	141876	4.900	ug/L		97
45) 1,1,2-Trichloroethane	10.44	97	73266	4.953	ug/L		94
47) Tetrachloroethene	10.51	164	144166	4.533	ug/L		95
48) 2-Hexanone	10.63	43	419993	58.932	ug/L		98
49) Dibromochloromethane	10.78	129	94849	4.895	ug/L		93
50) 1,2-Dibromoethane	10.88	107	63587	4.998	ug/L	#	95
51) Chlorobenzene	11.32	112	460776	4.802	ug/L		97
52) Ethylbenzene	11.39	91	1010202	5.128	ug/L		97
53) m,p-Xylene	11.50	106	358019	5.071	ug/L		97
54) o-Xylene	11.83	106	328992	5.303	ug/L		95
55) Styrene	11.84	104	516262	5.272	ug/L		97
56) Isopropylbenzene	12.13	105	950538	5.399	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.38	83	72658	5.059	ug/L		89
59) 1,2,3-Trichloropropane	12.43	75	56655	5.142	ug/L		96
61) Bromoform	12.01	173	36113	4.539	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	266142	4.657	ug/L		96
63) 1,4-Dichlorobenzene	13.24	146	298490	4.652	ug/L		94
65) 1,2-Dichlorobenzene	13.53	146	222688	4.697	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.14	75	7922	4.348	ug/L	#	84
67) 1,3,5-Trichlorobenzene	14.29	180	173201	4.638	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	92208	4.444	ug/L		94
69) Naphthalene	15.00	128	91839	4.706	ug/L		100
70) 1,2,3-Trichlorobenzene	15.18	180	71148	4.947	ug/L		95

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

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