Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100818\
Data File : VR026008.D
Acq On : 9 Oct 2018 5:20
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 09 07:29:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 06:51:21 2018
Response via : Initial Calibration

Instrument : MSVOA_R
ClientSampleId : VSTD00586

Manual Integrations APPROVED
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10/9/2018 1:47:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	412726	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	362289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	140578	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	232825	7.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 143.00%#			
7) Chloroethane-d5	2.63	69	193462	7.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 145.40%#			
11) 1,1-Dichloroethene-d2	3.61	63	520847	6.81	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 136.20%#			
20) 2-Butanone-d5	6.59	46	208537	57.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.94%			
24) Chloroform-d	7.20	84	330204	5.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.60%			
26) 1,2-Dichloroethane-d4	7.89	65	148987	6.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.40%			
32) Benzene-d6	7.85	84	677449	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%			
36) 1,2-Dichloropropane-d6	8.90	67	180197	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	9.97	98	661008	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
43) trans-1,3-Dichloropropene-	10.23	79	40738	5.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.60%			
46) 2-Hexanone-d5	10.59	63	171792	61.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.16%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76664	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.20%			
64) 1,2-Dichlorobenzene-d4	13.52	152	125643	5.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	122940m	4.900	ug/L	
3) Chloromethane	2.01	50	194605	5.455	ug/L	96
5) Vinyl chloride	2.17	62	190172	5.356	ug/L	99
6) Bromomethane	2.52	94	124673	5.624	ug/L	97
8) Chloroethane	2.66	64	123240	6.101	ug/L	96
9) Trichlorofluoromethane	2.93	101	295203m	5.988	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	175344	5.819	ug/L	94
12) 1,1-Dichloroethene	3.63	96	186138	5.974	ug/L #	69
13) Acetone	3.70	43	153728	58.455	ug/L	96
14) Carbon disulfide	3.93	76	409517	5.430	ug/L	100
15) Methyl Acetate	4.19	43	42049	5.767	ug/L	100
16) Methylene chloride	4.40	84	172864	6.034	ug/L	93
17) Methyl tert-butyl Ether	4.88	73	174667	5.063	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	126914	4.925	ug/L	88
19) 1,1-Dichloroethane	5.69	63	251925	4.938	ug/L	99
21) 2-Butanone	6.69	43	182998	50.591	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	127505	4.918	ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	34829	4.952	ug/L		89
25) Chloroform	7.23	83	253242	5.098	ug/L		98
27) 1,2-Dichloroethane	7.99	62	129928	5.241	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	203414	4.993	ug/L		97
30) Cyclohexane	7.51	56	216890	4.261	ug/L		97
31) Carbon tetrachloride	7.63	117	183354	5.197	ug/L		98
33) Benzene	7.91	78	592813	4.878	ug/L		100
34) Trichloroethene	8.71	95	146748	4.583	ug/L		100
35) Methylcyclohexane	8.95	83	211965	4.403	ug/L		98
37) 1,2-Dichloropropane	9.00	63	127969	4.909	ug/L		98
38) Bromodichloromethane	9.28	83	141884	5.045	ug/L		95
39) cis-1,3-Dichloropropene	9.72	75	140761	4.816	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	485176	52.929	ug/L		97
42) Toluene	10.04	91	646715	5.122	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	96756	5.070	ug/L		98
45) 1,1,2-Trichloroethane	10.45	97	55003	4.665	ug/L		97
47) Tetrachloroethene	10.51	164	93375	4.733	ug/L		97
48) 2-Hexanone	10.63	43	317263	52.864	ug/L		97
49) Dibromochloromethane	10.79	129	63184	5.280	ug/L		99
50) 1,2-Dibromoethane	10.88	107	48277	5.189	ug/L	#	90
51) Chlorobenzene	11.32	112	339703	5.072	ug/L		94
52) Ethylbenzene	11.39	91	753858	5.231	ug/L		97
53) m,p-Xylene	11.50	106	267952	5.223	ug/L		92
54) o-Xylene	11.83	106	256581	5.372	ug/L		99
55) Styrene	11.84	104	405388	5.454	ug/L		89
56) Isopropylbenzene	12.13	105	705172	5.353	ug/L		97
58) 1,1,2,2-Tetrachloroethane	12.39	83	58671	5.164	ug/L	#	94
59) 1,2,3-Trichloropropane	12.43	75	42562	5.034	ug/L		95
61) Bromoform	12.01	173	22070	5.193	ug/L	#	88
62) 1,3-Dichlorobenzene	13.16	146	194661	4.738	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	203476	4.841	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	163308	4.947	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	5382	3.877	ug/L	#	73
67) 1,3,5-Trichlorobenzene	14.29	180	113827	4.651	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	71954	4.612	ug/L		98
69) Naphthalene	15.00	128	85374	4.288	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	51312	4.741	ug/L		97

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

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