Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100218\
Data File : VR025935.D
Acq On : 2 Oct 2018 19:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Oct 03 04:30:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 02:53:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	480005	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	160543	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	160198	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	2.63	69	146208	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	3.63	63	374121	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.20%			
20) 2-Butanone-d5	6.59	46	225431	53.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.84%			
24) Chloroform-d	7.20	84	291276	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	7.90	65	129806	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	7.86	84	564178	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	8.90	67	158567	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.20%			
41) Toluene-d8	9.97	98	510754	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
43) trans-1,3-Dichloropropene-	10.23	79	37394	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	10.59	63	173922	53.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.62%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75924	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	109188	4.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	108653	3.724	ug/L	97
3) Chloromethane	2.02	50	193418	4.662	ug/L	93
5) Vinyl chloride	2.18	62	187760	4.547	ug/L	98
6) Bromomethane	2.52	94	119685	4.642	ug/L	98
8) Chloroethane	2.66	64	110958	4.723	ug/L	100
9) Trichlorofluoromethane	3.00	101	280941m	4.900	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	159190	4.542	ug/L	96
12) 1,1-Dichloroethene	3.66	96	162988	4.498	ug/L	80
13) Acetone	3.70	43	153750	50.269	ug/L	96
14) Carbon disulfide	3.98	76	341186	3.890	ug/L #	94
15) Methyl Acetate	4.19	43	40110	4.730	ug/L	99
16) Methylene chloride	4.42	84	149951	4.500	ug/L	89
17) Methyl tert-butyl Ether	4.90	73	176003	4.386	ug/L	94
18) trans-1,2-Dichloroethene	4.88	96	123955	4.136	ug/L	91
19) 1,1-Dichloroethane	5.70	63	248967	4.196	ug/L	98
21) 2-Butanone	6.69	43	204711	48.661	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	125603	4.165	ug/L #	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 02:53:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.05	128	36820	4.501 ug/L	90
25) Chloroform	7.23	83	247020	4.275 ug/L	94
27) 1,2-Dichloroethane	7.99	62	130561	4.529 ug/L	98
29) 1,1,1-Trichloroethane	7.44	97	193358	4.092 ug/L	97
30) Cyclohexane	7.52	56	218230	3.696 ug/L	98
31) Carbon tetrachloride	7.64	117	171151	4.183 ug/L	100
33) Benzene	7.91	78	579267	4.110 ug/L	100
34) Trichloroethene	8.71	95	139911	3.768 ug/L	96
35) Methylcyclohexane	8.95	83	207788	3.721 ug/L	98
37) 1,2-Dichloropropane	9.00	63	126971	4.200 ug/L	98
38) Bromodichloromethane	9.28	83	141726	4.345 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	149678	4.415 ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	532901	50.126 ug/L	96
42) Toluene	10.04	91	605257	4.133 ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	103166	4.661 ug/L	92
45) 1,1,2-Trichloroethane	10.45	97	57961	4.238 ug/L	94
47) Tetrachloroethene	10.51	164	87664	3.831 ug/L	95
48) 2-Hexanone	10.63	43	351586	50.511 ug/L	98
49) Dibromochloromethane	10.79	129	61897	4.460 ug/L	97
50) 1,2-Dibromoethane	10.88	107	48133	4.461 ug/L	99
51) Chlorobenzene	11.32	112	331872	4.272 ug/L	94
52) Ethylbenzene	11.39	91	691821	4.139 ug/L	98
53) m,p-Xylene	11.50	106	240875	4.048 ug/L	95
54) o-Xylene	11.83	106	234878	4.240 ug/L	96
55) Styrene	11.84	104	382245	4.434 ug/L	95
56) Isopropylbenzene	12.13	105	633988	4.150 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	63259	4.801 ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	46215	4.713 ug/L	95
61) Bromoform	12.01	173	20985	4.324 ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	189608	4.041 ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	196856	4.101 ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	156448	4.150 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	6872	4.335 ug/L	92
67) 1,3,5-Trichlorobenzene	14.29	180	112512	4.025 ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	74605	4.187 ug/L	95
69) Naphthalene	15.00	128	98112	4.315 ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	55701	4.506 ug/L	98

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

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