Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092618\
Data File : VR025869.D
Acq On : 26 Sep 2018 19:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00587

Quant Time: Sep 27 08:36:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:50:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	353729	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	303572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	112260	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	98574	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	2.63	69	89720	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	3.63	63	272609	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	6.59	46	202503	59.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.94%			
24) Chloroform-d	7.20	84	231075	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	7.90	65	108685	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	7.85	84	420915	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.80%			
36) 1,2-Dichloropropane-d6	8.90	67	130748	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.00%			
41) Toluene-d8	9.97	98	367849	3.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.60%			
43) trans-1,3-Dichloropropene-	10.23	79	28800	3.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.60%			
46) 2-Hexanone-d5	10.59	63	157104	55.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.62%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64523	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	13.51	152	78736	4.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	135989	3.691	ug/L	99
3) Chloromethane	2.01	50	192040	4.788	ug/L	94
5) Vinyl chloride	2.17	62	190403	5.012	ug/L	95
6) Bromomethane	2.52	94	117590	5.445	ug/L	94
8) Chloroethane	2.66	64	114251	5.293	ug/L	97
9) Trichlorofluoromethane	2.99	101	274135m	5.819	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	163558	5.698	ug/L	99
12) 1,1-Dichloroethene	3.65	96	160096	5.247	ug/L	84
13) Acetone	3.70	43	153201	68.757	ug/L	99
14) Carbon disulfide	3.95	76	353245	4.114	ug/L	98
15) Methyl Acetate	4.19	43	46992	6.574	ug/L	95
16) Methylene chloride	4.41	84	146818	5.352	ug/L	97
17) Methyl tert-butyl Ether	4.90	73	234227	4.389	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	149047	4.317	ug/L	94
19) 1,1-Dichloroethane	5.69	63	306744	4.346	ug/L	96
21) 2-Butanone	6.69	43	256604	55.257	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	155251	4.465	ug/L #	97

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.06	128	38566	4.208 ug/L	96
25) Chloroform	7.23	83	299823	4.620 ug/L	99
27) 1,2-Dichloroethane	7.99	62	160782	4.793 ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	227201	3.706 ug/L	96
30) Cyclohexane	7.52	56	297677	4.073 ug/L	99
31) Carbon tetrachloride	7.63	117	194049	3.847 ug/L	98
33) Benzene	7.91	78	698840	4.385 ug/L	100
34) Trichloroethene	8.71	95	172683	4.083 ug/L	97
35) Methylcyclohexane	8.96	83	279183	4.025 ug/L	98
37) 1,2-Dichloropropane	9.00	63	161234	4.538 ug/L	99
38) Bromodichloromethane	9.28	83	169902	4.331 ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	189076	4.347 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	667809	53.984 ug/L	97
42) Toluene	10.04	91	727315	4.478 ug/L	96
44) trans-1,3-Dichloropropene	10.26	75	127201	4.220 ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	69444	4.662 ug/L	99
47) Tetrachloroethene	10.51	164	93311	3.857 ug/L	94
48) 2-Hexanone	10.63	43	445214	54.725 ug/L	97
49) Dibromochloromethane	10.79	129	70083	4.516 ug/L	99
50) 1,2-Dibromoethane	10.89	107	59572	4.544 ug/L	100
51) Chlorobenzene	11.32	112	380977	4.471 ug/L	98
52) Ethylbenzene	11.39	91	855768	4.579 ug/L	99
53) m,p-Xylene	11.50	106	293482	4.355 ug/L	97
54) o-Xylene	11.83	106	279218	4.525 ug/L	96
55) Styrene	11.84	104	455168	4.761 ug/L	98
56) Isopropylbenzene	12.13	105	794900	4.603 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	74609	5.104 ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	55439	4.777 ug/L	98
61) Bromoform	12.01	173	20989	4.007 ug/L	95
62) 1,3-Dichlorobenzene	13.16	146	223399	4.300 ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	213339	4.255 ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	174572	4.414 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	7361	4.071 ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	123335	4.209 ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	79896	4.285 ug/L	98
69) Naphthalene	15.00	128	122530	4.516 ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	59056	4.459 ug/L	99

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

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