Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR110518\
Data File : VR026184.D
Acq On : 5 Nov 2018 17:26
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00584

Manual Integrations APPROVED
MMDadoda
11/6/2018 12:43:31 PM

Quant Time: Nov 06 03:53:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	596513	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	525668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	200384	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	219101	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	2.62	69	212278	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	3.61	63	610870	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	6.59	46	200630	46.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.62%			
24) Chloroform-d	7.20	84	407457	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	7.90	65	167199	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	7.85	84	811961	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	8.90	67	213133	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	9.97	98	799774	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	10.24	79	53824	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	10.59	63	174835	52.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.86%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89920	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	13.51	152	156345	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	174663	4.359	ug/L	96
3) Chloromethane	2.02	50	288431	4.533	ug/L	93
5) Vinyl chloride	2.17	62	295169	4.657	ug/L	97
6) Bromomethane	2.53	94	203663	4.865	ug/L	100
8) Chloroethane	2.66	64	195106	4.967	ug/L	91
9) Trichlorofluoromethane	2.93	101	479087m	5.236	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	266238	4.880	ug/L	99
12) 1,1-Dichloroethene	3.63	96	287073	4.949	ug/L	89
13) Acetone	3.70	43	208809	47.128	ug/L	98
14) Carbon disulfide	3.93	76	791588	5.220	ug/L	100
15) Methyl Acetate	4.19	43	53855	4.653	ug/L	100
16) Methylene chloride	4.40	84	242919	4.618	ug/L	95
17) Methyl tert-butyl Ether	4.90	73	239992	4.557	ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	206837	4.715	ug/L	95
19) 1,1-Dichloroethane	5.70	63	404098	4.906	ug/L	98
21) 2-Butanone	6.69	43	240671	47.085	ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	206406	4.974	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	54206	4.657	ug/L	93
25) Chloroform	7.23	83	402183	5.004	ug/L	99
27) 1,2-Dichloroethane	7.99	62	188138	4.782	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	350590	4.881	ug/L	100
30) Cyclohexane	7.52	56	353703	4.906	ug/L	99
31) Carbon tetrachloride	7.64	117	323176	4.948	ug/L	99
33) Benzene	7.91	78	953139	4.832	ug/L	100
34) Trichloroethene	8.71	95	238378	4.722	ug/L	96
35) Methylcyclohexane	8.96	83	368342	4.901	ug/L	99
37) 1,2-Dichloropropane	9.00	63	205067	4.928	ug/L	99
38) Bromodichloromethane	9.28	83	222196	4.965	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	238629	5.010	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	626360	49.285	ug/L	99
42) Toluene	10.04	91	1049872	5.043	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	166454	5.002	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	86733	4.941	ug/L	99
47) Tetrachloroethene	10.51	164	168457	4.673	ug/L	93
48) 2-Hexanone	10.63	43	416479	50.175	ug/L	100
49) Dibromochloromethane	10.79	129	102006	5.164	ug/L	97
50) 1,2-Dibromoethane	10.89	107	72039	4.750	ug/L	84
51) Chlorobenzene	11.32	112	552299	4.792	ug/L	99
52) Ethylbenzene	11.39	91	1233474	5.153	ug/L	100
53) m,p-Xylene	11.50	106	437976	5.021	ug/L	94
54) o-Xylene	11.83	106	404136	5.054	ug/L	96
55) Styrene	11.84	104	640699	5.206	ug/L	100
56) Isopropylbenzene	12.13	105	1172848	5.281	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	84611	4.743	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	63247	4.829	ug/L	100
61) Bromoform	12.01	173	35151	5.047	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	313830	4.714	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	339783	4.929	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	260751	4.880	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	9578	4.400	ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	195866	4.829	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	109853	4.640	ug/L	99
69) Naphthalene	15.00	128	107088	4.658	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	79973	4.864	ug/L	97

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

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