Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090518\
Data File : VR025666.D
Acq On : 5 Sep 2018 12:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00589

Manual Integrations APPROVED
MMDadoda
9/6/2018 2:52:55 PM

Quant Time: Sep 06 03:32:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 06:43:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	450017	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	395406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	168568	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	130633	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	2.62	69	115311	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	3.63	63	326765	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.20%			
20) 2-Butanone-d5	6.60	46	142285	63.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.50%			
24) Chloroform-d	7.21	84	260423	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	7.89	65	95047	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	7.86	84	634195	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	8.90	67	171263	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	9.97	98	602809	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
43) trans-1,3-Dichloropropene-	10.24	79	37685	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	10.59	63	163783	64.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.72%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81646	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	13.51	152	136001	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	113980	4.57	ug/L	93
3) Chloromethane	2.00	50	156593	4.24	ug/L	96
5) Vinyl chloride	2.16	62	159944	4.43	ug/L	99
6) Bromomethane	2.52	94	113561	4.62	ug/L	99
8) Chloroethane	2.66	64	96352	4.34	ug/L	87
9) Trichlorofluoromethane	3.00	101	287801m	5.49	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	168683	5.28	ug/L	96
12) 1,1-Dichloroethene	3.65	96	156444	4.43	ug/L #	72
13) Acetone	3.70	43	94139	67.70	ug/L	99
14) Carbon disulfide	3.96	76	348160	3.78	ug/L	97
15) Methyl Acetate	4.20	43	29446	5.60	ug/L	99
16) Methylene chloride	4.41	84	141175	4.45	ug/L	84
17) Methyl tert-butyl Ether	4.89	73	184897	5.10	ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	175309	4.70	ug/L	99
19) 1,1-Dichloroethane	5.68	63	263374	4.57	ug/L	94
21) 2-Butanone	6.69	43	169593	61.89	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	158377	4.94	ug/L	89

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00589

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 06:43:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.05	128	50745	5.16 ug/L	95
25) Chloroform	7.23	83	246054	4.91 ug/L	97
27) 1,2-Dichloroethane	8.00	62	102810	5.49 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	182582	4.75 ug/L	99
30) Cyclohexane	7.52	56	243937	4.93 ug/L	98
31) Carbon tetrachloride	7.64	117	181978	5.39 ug/L	97
33) Benzene	7.91	78	700948	4.85 ug/L	100
34) Trichloroethene	8.71	95	148630	4.49 ug/L	93
35) Methylcyclohexane	8.96	83	293918	5.46 ug/L	99
37) 1,2-Dichloropropane	8.99	63	160684	5.07 ug/L #	98
38) Bromodichloromethane	9.28	83	143038	5.17 ug/L #	97
39) cis-1,3-Dichloropropene	9.72	75	165903	5.11 ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	456228	59.42 ug/L	100
42) Toluene	10.03	91	757485	5.35 ug/L	100
44) trans-1,3-Dichloropropene	10.27	75	117002	5.10 ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	71938	5.14 ug/L	89
47) Tetrachloroethene	10.52	164	128753	5.09 ug/L	94
48) 2-Hexanone	10.64	43	314783	58.81 ug/L	99
49) Dibromochloromethane	10.79	129	80353	5.33 ug/L	89
50) 1,2-Dibromoethane	10.89	107	58771	5.30 ug/L	86
51) Chlorobenzene	11.31	112	451796	5.12 ug/L	98
52) Ethylbenzene	11.39	91	830804	5.49 ug/L	96
53) m,p-Xylene	11.50	106	333648	5.51 ug/L	99
54) o-Xylene	11.83	106	299518	5.55 ug/L	97
55) Styrene	11.85	104	482868	5.54 ug/L	100
56) Isopropylbenzene	12.13	105	788213	5.76 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	73762	5.10 ug/L	94
59) 1,2,3-Trichloropropane	12.44	75	47290	4.81 ug/L	92
61) Bromoform	12.01	173	31596	4.66 ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	249650	4.79 ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	289306	5.00 ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	224486	5.00 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.15	75	6262	5.16 ug/L #	89
67) 1,3,5-Trichlorobenzene	14.29	180	165544	5.62 ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	96007	5.25 ug/L	96
69) Naphthalene	15.00	128	107664	4.77 ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	78771	5.54 ug/L	93

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

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