Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
Data File : VR025585.D
Acq On : 7 Aug 2018 19:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD00593

Manual Integrations APPROVED
MMDadoda
8/10/2018 11:11:49 AM

Quant Time: Aug 08 03:52:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	478098	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	431297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200276	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	158014	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	2.63	69	123915	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%			
11) 1,1-Dichloroethene-d2	3.63	63	375547	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.80%			
20) 2-Butanone-d5	6.60	46	143474	58.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.18%			
24) Chloroform-d	7.21	84	266499	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
26) 1,2-Dichloroethane-d4	7.90	65	98054	5.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.40%			
32) Benzene-d6	7.86	84	624319	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
36) 1,2-Dichloropropane-d6	8.90	67	163295	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	9.97	98	610408	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
43) trans-1,3-Dichloropropene-	10.24	79	40274	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	10.59	63	162526	65.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.96%#			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83053	6.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.00%#			
64) 1,2-Dichlorobenzene-d4	13.51	152	164304	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	138534	5.06	ug/L	94
3) Chloromethane	2.01	50	181801	5.03	ug/L	93
5) Vinyl chloride	2.16	62	181223	5.02	ug/L	93
6) Bromomethane	2.52	94	118602	5.97	ug/L	80
8) Chloroethane	2.66	64	98448	4.91	ug/L	89
9) Trichlorofluoromethane	2.98	101	287276m	5.82	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	167138	5.24	ug/L	95
12) 1,1-Dichloroethene	3.66	96	180478	5.28	ug/L	90
13) Acetone	3.72	43	110793	53.83	ug/L	96
14) Carbon disulfide	3.96	76	401166	5.07	ug/L	96
15) Methyl Acetate	4.21	43	34821	5.36	ug/L	96
16) Methylene chloride	4.41	84	162019	5.62	ug/L	93
17) Methyl tert-butyl Ether	4.91	73	189884	5.54	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	178451	5.46	ug/L	94
19) 1,1-Dichloroethane	5.70	63	251259	5.25	ug/L	93
21) 2-Butanone	6.70	43	185254	64.79	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	173192	5.80	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.05	128	58047	5.86	ug/L		94
25) Chloroform	7.24	83	259673	5.48	ug/L		96
27) 1,2-Dichloroethane	8.00	62	105448	5.59	ug/L	#	92
29) 1,1,1-Trichloroethane	7.43	97	182042	4.77	ug/L		99
30) Cyclohexane	7.52	56	217660	4.95	ug/L		98
31) Carbon tetrachloride	7.64	117	180542	4.58	ug/L		98
33) Benzene	7.91	78	679938	5.10	ug/L		100
34) Trichloroethene	8.71	95	158220	4.77	ug/L		91
35) Methylcyclohexane	8.96	83	257724	5.17	ug/L		98
37) 1,2-Dichloropropane	9.00	63	144076	5.14	ug/L		99
38) Bromodichloromethane	9.28	83	151563	5.29	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	166561	5.38	ug/L		100
40) 4-Methyl-2-pentanone	9.87	43	506650	64.10	ug/L		99
42) Toluene	10.03	91	773889	5.45	ug/L		98
44) trans-1,3-Dichloropropene	10.27	75	114519	5.30	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	78975	5.65	ug/L		98
47) Tetrachloroethene	10.52	164	147296	5.20	ug/L		97
48) 2-Hexanone	10.64	43	343608	64.47	ug/L		98
49) Dibromochloromethane	10.78	129	94536	5.74	ug/L		98
50) 1,2-Dibromoethane	10.89	107	66203	5.68	ug/L	#	92
51) Chlorobenzene	11.31	112	462995	5.40	ug/L		99
52) Ethylbenzene	11.39	91	816789	5.29	ug/L		99
53) m,p-Xylene	11.51	106	324268	5.43	ug/L		98
54) o-Xylene	11.83	106	303286	5.53	ug/L		95
55) Styrene	11.85	104	500584	5.73	ug/L		96
56) Isopropylbenzene	12.13	105	773693	5.37	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	79543	6.01	ug/L		96
59) 1,2,3-Trichloropropane	12.44	75	49896	5.64	ug/L		89
61) Bromoform	12.01	173	40438	5.07	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	292233	5.05	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	327602	5.21	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	267644	5.38	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.15	75	6805	4.42	ug/L	#	59
67) 1,3,5-Trichlorobenzene	14.29	180	201315	5.11	ug/L		99
68) 1,2,4-trichlorobenzene	14.79	180	131754	5.21	ug/L		99
69) Naphthalene	15.00	128	141797	4.91	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	111913	5.75	ug/L		100

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

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