Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
Data File : VR026258.D
Acq On : 21 Nov 2018 13:16
Operator : SY/MD
Sample : VSTD01099
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD01099

Manual Integrations APPROVED
MMDadoda
11/26/2018 9:21:23 AM

Quant Time: Nov 21 13:57:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 13:44:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	582375	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	513256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	219129	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.17	65	479740	10.82	ug/L	0.00
7) Chloroethane-d5	2.63	69	396001	9.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1188420	10.55	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	418272	101.72	ug/L	0.00
24) Chloroform-d	7.20	84	852042	9.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	327002	9.66	ug/L	0.00
32) Benzene-d6	7.85	84	1739542	9.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	421251	9.39	ug/L	0.00
41) Toluene-d8	9.97	98	1678796	10.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	118999	9.72	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	316249	111.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	181200	9.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	366490	9.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 194.20%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	417779	10.25	ug/L	93
3) Chloromethane	2.02	50	505120	9.64	ug/L	96
5) Vinyl chloride	2.17	62	522933	10.15	ug/L	96
6) Bromomethane	2.53	94	327482	9.50	ug/L	93
8) Chloroethane	2.66	64	316557	9.83	ug/L	97
9) Trichlorofluoromethane	2.94	101	845664m	10.81	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	467139	10.40	ug/L	98
12) 1,1-Dichloroethene	3.63	96	504706	10.33	ug/L	80
13) Acetone	3.70	43	350536	113.38	ug/L	98
14) Carbon disulfide	3.94	76	1336428	10.95	ug/L	98
15) Methyl Acetate	4.19	43	86866	9.68	ug/L	97
16) Methylene chloride	4.40	84	414860	9.49	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	529964	10.49	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	456691	10.17	ug/L	97
19) 1,1-Dichloroethane	5.69	63	781529	9.70	ug/L	95
21) 2-Butanone	6.69	43	477614	109.73	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	426831	10.55	ug/L #	92
23) Bromochloromethane	7.05	128	115226	9.46	ug/L	95
25) Chloroform	7.23	83	794990	9.10	ug/L	100
27) 1,2-Dichloroethane	7.99	62	346025	9.72	ug/L	100
29) 1,1,1-Trichloroethane	7.43	97	691241	9.52	ug/L	99
30) Cyclohexane	7.51	56	714563	11.07	ug/L	99
31) Carbon tetrachloride	7.63	117	634064	9.61	ug/L	99
33) Benzene	7.91	78	1850722	9.87	ug/L	100
34) Trichloroethene	8.71	95	477305	9.61	ug/L	97
35) Methylcyclohexane	8.95	83	722460	10.92	ug/L	99
37) 1,2-Dichloropropane	9.00	63	366630	9.45	ug/L	100
38) Bromodichloromethane	9.28	83	429667	9.48	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	470676	10.56	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 4-Methyl-2-pentanone	9.87	43	1184923	109.85	ug/L		100
42) Toluene	10.04	91	2003970	8.94	ug/L		98
44) trans-1,3-Dichloropropene	10.26	75	319792	10.52	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	159997	9.58	ug/L		94
47) Tetrachloroethene	10.51	164	350976	9.62	ug/L		96
48) 2-Hexanone	10.63	43	790632	109.13	ug/L		99
49) Dibromochloromethane	10.79	129	211106	10.40	ug/L		99
50) 1,2-Dibromoethane	10.89	107	141155	9.69	ug/L	#	97
51) Chlorobenzene	11.32	112	1086379	9.91	ug/L		98
52) Ethylbenzene	11.39	91	2367633	10.55	ug/L		99
53) m,p-Xylene	11.50	106	876075	10.59	ug/L		93
54) o-Xylene	11.83	106	829952	10.95	ug/L		95
55) Styrene	11.84	104	1287646	11.14	ug/L		100
56) Isopropylbenzene	12.13	105	2332059	11.24	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	166749	10.26	ug/L	#	94
59) 1,2,3-Trichloropropane	12.43	75	119392	9.80	ug/L		99
61) Bromoform	12.01	173	83593	9.95	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	701759	10.06	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	714249	9.49	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	558269	9.74	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.15	75	16586	8.66	ug/L		91
67) 1,3,5-Trichlorobenzene	14.30	180	430998	9.54	ug/L		97
68) 1,2,4-trichlorobenzene	14.79	180	257881	10.10	ug/L		99
69) Naphthalene	15.00	128	281287	11.30	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	181586	9.94	ug/L		97

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

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