Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
Data File : VR026255.D
Acq On : 21 Nov 2018 11:37
Operator : SY/MD
Sample : VSTD0.596
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD0.596

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

Quant Time: Nov 21 13:54:28 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	569132	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	473489	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	169099	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	30334	0.70	ug/L		0.00
7) Chloroethane-d5	2.63	69	25504	0.66	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	72375	0.66	ug/L		-0.02
20) 2-Butanone-d5	6.59	46	17604	4.38	ug/L		0.00
24) Chloroform-d	7.20	84	49368	0.58	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.89	65	17869	0.54	ug/L		0.00
32) Benzene-d6	7.85	84	82227	0.50	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.89	67	23168	0.56	ug/L		0.00
41) Toluene-d8	9.97	98	71915	0.47	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.23	79	5501	0.49	ug/L		0.00
46) 2-Hexanone-d5	10.60	63	9464	3.61	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	9318	0.55	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	15360	0.53	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 10.60%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	22883	0.57	ug/L	#	88
3) Chloromethane	2.02	50	34859	0.68	ug/L		96
5) Vinyl chloride	2.16	62	33818	0.67	ug/L		94
6) Bromomethane	2.52	94	23195	0.69	ug/L		90
8) Chloroethane	2.65	64	21437	0.68	ug/L		96
9) Trichlorofluoromethane	2.95	101	51258m	0.67	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	29485	0.67	ug/L		92
12) 1,1-Dichloroethene	3.63	96	31362	0.66	ug/L	#	60
13) Acetone	3.70	43	17379	5.75	ug/L		87
14) Carbon disulfide	3.93	76	75873	0.64	ug/L		95
15) Methyl Acetate	4.20	43	5839	0.67	ug/L	#	89
16) Methylene chloride	4.41	84	32273	0.76	ug/L		95
17) Methyl tert-butyl Ether	4.90	73	28488	0.58	ug/L		96
18) trans-1,2-Dichloroethene	4.88	96	24514	0.56	ug/L		89
19) 1,1-Dichloroethane	5.69	63	45806	0.58	ug/L		95
21) 2-Butanone	6.69	43	22616	5.32	ug/L		98
22) cis-1,2-Dichloroethene	6.67	96	19271	0.49	ug/L	#	75
23) Bromochloromethane	7.05	128	7407	0.62	ug/L		94
25) Chloroform	7.23	83	57941	0.68	ug/L		99
27) 1,2-Dichloroethane	7.99	62	21728	0.62	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	37079	0.55	ug/L		94
30) Cyclohexane	7.52	56	23692	0.40	ug/L	#	90
31) Carbon tetrachloride	7.64	117	32042	0.53	ug/L		94
33) Benzene	7.91	78	93009	0.54	ug/L		100
34) Trichloroethene	8.71	95	25459	0.56	ug/L		90
35) Methylcyclohexane	8.95	83	27395	0.45	ug/L		87
37) 1,2-Dichloropropane	8.99	63	20141	0.56	ug/L		99
38) Bromodichloromethane	9.28	83	23906	0.57	ug/L	#	95
39) cis-1,3-Dichloropropene	9.72	75	19025	0.46	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 4-Methyl-2-pentanone	9.87	43	47048	4.73	ug/L		97
42) Toluene	10.03	91	99788	0.48	ug/L		98
44) trans-1,3-Dichloropropene	10.26	75	12683	0.45	ug/L		99
45) 1,1,2-Trichloroethane	10.45	97	9380	0.61	ug/L		92
47) Tetrachloroethene	10.51	164	18229	0.54	ug/L		96
48) 2-Hexanone	10.64	43	31660	4.74	ug/L	#	93
49) Dibromochloromethane	10.79	129	10225	0.55	ug/L		88
50) 1,2-Dibromoethane	10.89	107	6996	0.52	ug/L	#	95
51) Chlorobenzene	11.32	112	59785	0.59	ug/L		97
52) Ethylbenzene	11.39	91	104583	0.51	ug/L		98
53) m,p-Xylene	11.51	106	33648	0.44	ug/L		96
54) o-Xylene	11.83	106	29783	0.43	ug/L		85
55) Styrene	11.84	104	50520	0.47	ug/L		98
56) Isopropylbenzene	12.13	105	84324	0.44	ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.39	83	8504	0.57	ug/L	#	88
59) 1,2,3-Trichloropropane	12.43	75	6653	0.59	ug/L	#	85
61) Bromoform	12.01	173	3537	0.55	ug/L		93
62) 1,3-Dichlorobenzene	13.16	146	30298	0.56	ug/L		84
63) 1,4-Dichlorobenzene	13.24	146	36902	0.64	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	24794	0.56	ug/L		95
66) 1,2-Dibromo-3-chloropropan	14.14	75	959m	0.65	ug/L		
67) 1,3,5-Trichlorobenzene	14.30	180	18583	0.53	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	9870	0.50	ug/L		92
69) Naphthalene	15.00	128	7891	0.41	ug/L	#	95
70) 1,2,3-Trichlorobenzene	15.18	180	7668	0.54	ug/L		90

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

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