Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122716\
Data File : BE092626.D
Acq On : 27 Dec 2016 18:31
Operator : UM/SJ
Sample : H6103-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-WATER-05-QT1-2017

Manual Integrations APPROVED
sohil
12/28/2016 9:49:13 AM

Quant Time: Dec 28 13:13:46 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11551	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	46741	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	27111	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51028	5.00	ng	0.00
24) Chrysene-d12	21.72	240	53074	5.00	ng	0.00
31) Perylene-d12	24.08	264	48692	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	19695	8.79	ng	-0.03
5) Phenol-d6	7.31	99	25759	7.60	ng	-0.07
8) Nitrobenzene-d5	9.34	82	11325	3.56	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3844	4.98	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	26947	4.16	ng	-0.01
26) Terphenyl-d14	20.16	244	28461	4.37	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	120	Below Cal	#	1
3) n-Nitrosodimethylamine	3.89	42	74m	0.24	ng	
6) bis(2-Chloroethyl)ether	7.59	93	238	0.18	ng	# 15
9) Naphthalene	10.97	128	774	0.08	ng	# 65
10) Hexachlorobutadiene	11.26	225	126	0.09	ng	97
11) 2-Methylnaphthalene	12.65	142	385	0.06	ng	# 88
15) Acenaphthylene	14.53	152	2888	0.08	ng	100
16) Acenaphthene	14.87	154	565	0.09	ng	82
17) Fluorene	15.87	166	524	0.07	ng	98
19) Hexachlorobenzene	16.87	284	164m	0.08	ng	
20) Pentachlorophenol	17.28	266	19m	0.04	ng	
21) Phenanthrene	17.60	178	999m	0.08	ng	
22) Anthracene	17.72	178	734	0.06	ng	# 95
23) Fluoranthene	19.61	202	3374	0.06	ng	99
25) Pyrene	19.97	202	3376	0.07	ng	100
27) Benzo(a)anthracene	21.70	228	2997m	0.06	ng	
28) Chrysene	21.75	228	4972m	0.09	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	304	0.12	ng	# 78
30) Indeno(1,2,3-cd)pyrene	26.62	276	3760	0.08	ng	97
32) Benzo(b)fluoranthene	23.36	252	722	0.06	ng	# 68
33) Benzo(k)fluoranthene	23.41	252	1001	0.08	ng	# 68
34) Benzo(a)pyrene	23.97	252	692	0.06	ng	# 52
35) Dibenzo(a,h)anthracene	26.65	278	733	0.07	ng	# 46
36) Benzo(g,h,i)perylene	27.37	276	3605	0.08	ng	# 64

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

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