Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008906.D
Acq On : 10 Dec 2019 15:02
Operator : JU
Sample : K5111-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT4-2019

Quant Time: Dec 10 15:37:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2481	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	10228	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	7534	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	18065	0.40	ng		0.00
27) Chrysene-d12	21.13	240	17814	0.40	ng		0.00
34) Perylene-d12	23.28	264	17915	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2425	0.38	ng		0.00
5) Phenol-d6	6.75	99	3298	0.38	ng		0.00
8) Nitrobenzene-d5	8.69	82	3033	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	6546	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1199	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	10412	0.36	ng		0.00
25) Fluoranthene-d10	18.97	212	19535	0.36	ng		0.00
29) Terphenyl-d14	19.58	244	15975	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	214	0.092	ng		92
3) n-Nitrosodimethylamine	3.55	42	118	0.037	ng	#	73
6) bis(2-Chloroethyl)ether	7.00	93	624	0.076	ng		89
9) Naphthalene	10.37	128	2484	0.089	ng		95
10) Hexachlorobutadiene	10.67	225	440	0.082	ng	#	99
12) 2-Methylnaphthalene	11.99	142	1857	0.089	ng		96
16) Acenaphthylene	13.90	152	2796	0.081	ng		99
17) Acenaphthene	14.24	154	1954	0.085	ng		99
18) Fluorene	15.25	166	2671	0.087	ng		99
20) 4-Bromophenyl-phenylether	16.13	248	890	0.082	ng	#	81
21) Hexachlorobenzene	16.25	284	985	0.080	ng		95
22) Pentachlorophenol	16.60	266	379	0.085	ng		89
23) Phenanthrene	16.97	178	4733	0.083	ng		99
24) Anthracene	17.07	178	3985	0.080	ng		99
26) Fluoranthene	19.00	202	5581	0.082	ng		98
28) Pyrene	19.36	202	5628	0.090	ng		99
30) Benzo(a)anthracene	21.12	228	5325	0.084	ng		97
31) Chrysene	21.17	228	5775	0.088	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2197	0.074	ng		99
33) Indeno(1,2,3-cd)pyrene	25.40	276	5556	0.080	ng		98
35) Benzo(b)fluoranthene	22.65	252	5724	0.089	ng	#	77
36) Benzo(k)fluoranthene	22.69	252	5590	0.087	ng	#	72
37) Benzo(a)pyrene	23.19	252	4750	0.082	ng	#	66
38) Dibenzo(a,h)anthracene	25.41	278	4622	0.086	ng	#	83
39) Benzo(g,h,i)perylene	26.04	276	4894	0.092	ng		91

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

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