Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
Data File : BN010719.D
Acq On : 14 May 2020 19:20
Operator : CG/JU
Sample : L2182-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT2-2020

Quant Time: May 15 01:52:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 14:18:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4539	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	17369	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	10472	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	21180	0.40	ng		0.00
27) Chrysene-d12	21.15	240	17977	0.40	ng		0.00
34) Perylene-d12	23.32	264	16537	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2039	0.23	ng		0.00
5) Phenol-d6	6.78	99	2369	0.22	ng		0.00
8) Nitrobenzene-d5	8.72	82	2852	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	11.93	152	6013	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	728	0.19	ng		0.01
15) 2-Fluorobiphenyl	12.83	172	8547	0.22	ng		0.01
25) Fluoranthene-d10	18.99	212	12616	0.22	ng		0.00
29) Terphenyl-d14	19.60	244	9910	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	238	0.061	ng	#	81
3) n-Nitrosodimethylamine	3.60	42	136	0.060	ng	#	83
6) bis(2-Chloroethyl)ether	7.03	93	735	0.066	ng		98
9) Naphthalene	10.38	128	2896	0.066	ng		95
10) Hexachlorobutadiene	10.67	225	638	0.064	ng	#	99
12) 2-Methylnaphthalene	12.01	142	1962	0.064	ng		95
16) Acenaphthylene	13.92	152	2510	0.059	ng		97
17) Acenaphthene	14.27	154	1805	0.062	ng		96
18) Fluorene	15.27	166	2346	0.062	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	665	0.057	ng		95
21) Hexachlorobenzene	16.27	284	946	0.068	ng		99
22) Pentachlorophenol	16.63	266	440	0.102	ng		91
23) Phenanthrene	17.00	178	3681	0.065	ng		98
24) Anthracene	17.09	178	2934	0.061	ng		96
26) Fluoranthene	19.02	202	4221	0.065	ng		98
28) Pyrene	19.39	202	4132	0.064	ng		99
30) Benzo(a)anthracene	21.14	228	3498	0.067	ng		95
31) Chrysene	21.20	228	3710	0.062	ng		97
32) Bis(2-ethylhexyl)phthalate	21.09	149	1944	0.085	ng		99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3441	0.065	ng		100
35) Benzo(b)fluoranthene	22.68	252	3385	0.062	ng	#	68
36) Benzo(k)fluoranthene	22.73	252	3989	0.068	ng	#	67
37) Benzo(a)pyrene	23.23	252	2860	0.060	ng	#	43
38) Dibenzo(a,h)anthracene	25.49	278	2712	0.067	ng	#	66
39) Benzo(g,h,i)perylene	26.12	276	3245	0.068	ng	#	86

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

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