Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000101.D
Acq On : 15 Feb 2018 17:33
Operator : JU/SJ
Sample : J1161-07
Misc : 1 PPM LOD
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 16 10:13:35 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	293107	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1481042	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	909719	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2121978	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2384712	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2592966	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2432319	135.24	ng		-0.01
7) Phenol-d6	7.58	99	3516075	129.07	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2434788	97.74	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1208579	134.21	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	6284326	97.36	ng		-0.01
78) Terphenyl-d14	20.35	244	8550822	96.82	ng		-0.01
Target Compounds							Qvalue
6) Aniline	7.77	93	30336	0.808	ng		93
8) 2-Chlorophenol	8.01	128	20635	0.981	ng		94
9) Benzaldehyde	7.58	77	17517	1.034	ng	#	76
10) Phenol	7.61	94	28707	0.998	ng		94
11) bis(2-Chloroethyl)ether	7.86	93	23170	0.980	ng	#	79
12) 1,3-Dichlorobenzene	8.35	146	24742	1.035	ng		96
13) 1,4-Dichlorobenzene	8.50	146	24806	1.016	ng		93
14) 1,2-Dichlorobenzene	8.82	146	24111	1.004	ng		87
15) Benzyl Alcohol	8.69	79	15835	0.809	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	23914	0.955	ng		70
18) Hexachloroethane	9.56	117	7714	0.908	ng	#	69
24) Nitrobenzene	9.68	77	28323	1.040	ng	#	93
31) Naphthalene	11.35	128	80639	0.993	ng		97
34) Hexachlorobutadiene	11.63	225	12602	1.021	ng		96
37) 2-Methylnaphthalene	12.93	142	50992	0.903	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	24908	0.928	ng	#	95
45) 1,1'-Biphenyl	13.91	154	87254	1.089	ng		100
46) 2-Chloronaphthalene	13.96	162	56527	0.940	ng		97
47) 2-Nitroaniline	14.15	65	7433	5.257	ng	#	81
48) Acenaphthylene	14.80	152	66908	0.691	ng		97
49) Dimethylphthalate	14.50	163	59502	0.782	ng		100
50) 2,6-Dinitrotoluene	14.63	165	6582	0.419	ng		93
51) Acenaphthene	15.13	154	57236	0.908	ng		87
54) Dibenzofuran	15.46	168	85983	0.963	ng		97
57) Fluorene	16.10	166	65162	0.894	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	7098	0.465	ng	#	86
59) Diethylphthalate	15.85	149	53681	0.695	ng		98
62) Azobenzene	16.38	77	47052	0.612	ng		91
65) n-Nitrosodiphenylamine	16.30	169	48131	0.697	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	16675	0.826	ng	#	76
67) Hexachlorobenzene	17.09	284	21099	0.895	ng	#	84
68) Atrazine	17.22	200	11523	0.513	ng		88
70) Phenanthrene	17.83	178	122004	0.973	ng		98
71) Anthracene	17.92	178	93533	0.771	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.18	167	90195	0.738	ng		96
73) Di-n-butylphthalate	18.71	149	66652	0.494	ng		98
74) Fluoranthene	19.80	202	103350	0.786	ng		93
77) Pyrene	20.16	202	119282	0.787	ng		98
79) Butylbenzylphthalate	21.02	149	23874	5.671	ng	#	90
80) Benzo(a)anthracene	21.89	228	124508	0.849	ng		99
82) Chrysene	21.94	228	143528	0.983	ng		96
83) Bis(2-ethylhexyl)phthalate	21.78	149	39196	3.248	ng	#	93
84) Di-n-octyl phthalate	22.73	149	53297	6.954	ng	#	96
85) Indeno(1,2,3-cd)pyrene	26.94	276	144973	0.808	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	128584	0.847	ng	#	94
88) Benzo(k)fluoranthene	23.67	252	123331	0.807	ng	#	95
89) Benzo(a)pyrene	24.27	252	118734	0.816	ng	#	91
90) Dibenzo(a,h)anthracene	26.95	278	119083	0.782	ng	#	92
91) Benzo(g,h,i)perylene	27.72	276	127068	0.826	ng	#	90

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

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