Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000753.D
Acq On : 18 Apr 2018 23:07
Operator : JU/SJ
Sample : J2133-07
Misc : 1PPM LOD
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 19 07:05:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	113151	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	470206	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	235290	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	473750	20.00	ng		0.00
75) Chrysene-d12	21.21	240	436152	20.00	ng		-0.01
86) Perylene-d12	23.40	264	442466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1037338	136.19	ng		0.00
7) Phenol-d6	6.81	99	1349714	130.03	ng		0.00
23) Nitrobenzene-d5	8.78	82	729565	80.88	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	335856	141.79	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1463942	85.89	ng		0.00
78) Terphenyl-d14	19.66	244	1683542	83.23	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.98	93	11028	0.801	ng		92
8) 2-Chlorophenol	7.20	128	7889	1.001	ng		98
9) Benzaldehyde	6.79	77	5263	Below Cal			94
10) Phenol	6.83	94	10458	0.956	ng	#	81
11) bis(2-Chloroethyl)ether	7.07	93	8137	0.909	ng		87
12) 1,3-Dichlorobenzene	7.52	146	9240	1.010	ng		95
13) 1,4-Dichlorobenzene	7.66	146	9398	1.012	ng		91
14) 1,2-Dichlorobenzene	7.98	146	9277	1.046	ng		94
15) Benzyl Alcohol	7.87	79	4939	0.692	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.16	45	9084	0.956	ng		73
18) Hexachloroethane	8.70	117	3070	0.897	ng	#	76
24) Nitrobenzene	8.82	77	9727	1.006	ng		94
31) Naphthalene	10.45	128	25724	1.018	ng		98
34) Hexachlorobutadiene	10.74	225	3918	0.940	ng		95
37) 2-Methylnaphthalene	12.06	142	15336	0.926	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	7418	1.017	ng	#	97
45) 1,1'-Biphenyl	13.09	154	25142	1.194	ng		97
46) 2-Chloronaphthalene	13.13	162	15857	1.004	ng		99
47) 2-Nitroaniline	13.33	65	1978	0.432	ng		96
48) Acenaphthylene	13.98	152	19822	0.792	ng		97
49) Dimethylphthalate	13.73	163	14726	0.783	ng	#	98
50) 2,6-Dinitrotoluene	13.84	165	1914	0.481	ng		93
51) Acenaphthene	14.32	154	14960	0.980	ng		97
54) Dibenzofuran	14.66	168	22053	0.993	ng		98
57) Fluorene	15.31	166	15939	0.908	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	1931	0.491	ng	#	73
59) Diethylphthalate	15.10	149	12818	0.688	ng		100
62) Azobenzene	15.61	77	12580	0.630	ng		89
65) n-Nitrosodiphenylamine	15.53	169	11099	0.698	ng		100
66) 4-Bromophenyl-phenylether	16.21	248	4273	0.888	ng		96
67) Hexachlorobenzene	16.32	284	5359	0.962	ng	#	93
68) Atrazine	16.49	200	1618	0.375	ng	#	76
70) Phenanthrene	17.05	178	27472	1.001	ng		98
71) Anthracene	17.14	178	21366	0.795	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.41	167	17247	0.683	ng		96
73) Di-n-butylphthalate	18.00	149	14049	0.488	ng	#	97
74) Fluoranthene	19.07	202	22035	0.797	ng		95
77) Pyrene	19.43	202	23552	0.750	ng		99
79) Butylbenzylphthalate	20.36	149	4638	0.350	ng		88
80) Benzo(a)anthracene	21.20	228	22838	0.831	ng		98
82) Chrysene	21.24	228	26940	1.012	ng		96
83) Bis(2-ethylhexyl)phthalate	21.16	149	6726	0.333	ng	#	90
84) Di-n-octyl phthalate	22.03	149	9723	0.336	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.24	276	19089	0.834	ng	#	92
87) Benzo(b)fluoranthene	22.75	252	21885	0.814	ng	#	95
88) Benzo(k)fluoranthene	22.79	252	21673	0.809	ng	#	92
89) Benzo(a)pyrene	23.30	252	17296	0.705	ng	#	93
90) Dibenzo(a,h)anthracene	25.59	278	19672	0.814	ng	#	93
91) Benzo(g,h,i)perylene	26.24	276	19089	0.809	ng	#	88

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

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