Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000764.D
Acq On : 19 Apr 2018 05:28
Operator : JU/SJ
Sample : J2133-09
Misc : 8PPM MDL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:14 PM

Quant Time: Apr 19 06:44:26 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	145794	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	648410	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	354602	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	733370	20.00	ng		0.00
75) Chrysene-d12	21.21	240	638239	20.00	ng		-0.01
86) Perylene-d12	23.40	264	556243	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1296642	132.11	ng		0.00
7) Phenol-d6	6.81	99	1755601	131.26	ng		0.00
23) Nitrobenzene-d5	8.78	82	1057628	85.03	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	533272	149.38	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	2132534	83.02	ng		0.00
78) Terphenyl-d14	19.66	244	2569921	86.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	36272	8.057	ng	#	91
3) Pyridine	3.63	79	92971	7.840	ng		98
4) n-Nitrosodimethylamine	3.55	42	24171	7.412	ng	#	89
6) Aniline	6.97	93	138548	7.808	ng		94
8) 2-Chlorophenol	7.20	128	82008	8.079	ng		91
9) Benzaldehyde	6.78	77	41177	4.157	ng		99
10) Phenol	6.83	94	111972	7.943	ng		92
11) bis(2-Chloroethyl)ether	7.07	93	92047	7.981	ng		84
12) 1,3-Dichlorobenzene	7.52	146	95097	8.066	ng		99
13) 1,4-Dichlorobenzene	7.66	146	96287	8.045	ng		97
14) 1,2-Dichlorobenzene	7.98	146	92490	8.096	ng		97
15) Benzyl Alcohol	7.86	79	68539	7.451	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.16	45	99698	8.139	ng		80
17) 2-Methylphenol	8.06	107	73492	7.755	ng		96
18) Hexachloroethane	8.69	117	33655	7.630	ng	#	82
19) n-Nitroso-di-n-propylamine	8.43	70	66165	7.952	ng	#	84
20) 3+4-Methylphenols	8.39	107	102070	7.837	ng		94
22) Acetophenone	8.44	105	146104	7.863	ng	#	89
24) Nitrobenzene	8.82	77	109028	8.175	ng	#	96
25) Isophorone	9.33	82	166711	7.397	ng		99
26) 2-Nitrophenol	9.52	139	37401	6.845	ng		94
27) 2,4-Dimethylphenol	9.58	122	67320	7.547	ng		96
28) bis(2-Chloroethoxy)methane	9.82	93	116500	7.929	ng		97
29) 2,4-Dichlorophenol	10.04	162	65683	7.478	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	85429	8.069	ng		93
31) Naphthalene	10.45	128	279570	8.020	ng		98
32) Benzoic acid	9.66	122	38164	8.733	ng		92
33) 4-Chloroaniline	10.55	127	109184	7.670	ng		96
34) Hexachlorobutadiene	10.73	225	45220	7.864	ng		98
35) Caprolactam	11.30	113	19162	6.305	ng		99
36) 4-Chloro-3-methylphenol	11.68	107	78580	7.577	ng		98
37) 2-Methylnaphthalene	12.06	142	185744	8.134	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	86206	7.839	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	44177	6.850	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.67	196	46649	6.994	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	57530	7.468	ng	#	92
45) 1,1'-Biphenyl	13.09	154	256453	8.080	ng		97
46) 2-Chloronaphthalene	13.12	162	188543	7.923	ng		96
47) 2-Nitroaniline	13.33	65	44454	6.439	ng		93
48) Acenaphthylene	13.97	152	297064	7.874	ng		98
49) Dimethylphthalate	13.72	163	230264	8.126	ng		99
50) 2,6-Dinitrotoluene	13.83	165	44651	7.439	ng		93
51) Acenaphthene	14.32	154	182756	7.948	ng		99
52) 3-Nitroaniline	14.16	138	47668	6.978	ng	#	92
53) 2,4-Dinitrophenol	14.37	184	14962	10.147	ng		96
54) Dibenzofuran	14.66	168	273601	8.174	ng		97
55) 4-Nitrophenol	14.47	139	32537	6.414	ng		88
56) 2,4-Dinitrotoluene	14.62	165	55843	7.106	ng		95
57) Fluorene	15.31	166	218608	8.261	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.88	232	43942m	7.420	ng		
59) Diethylphthalate	15.10	149	224242	7.984	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	104300	8.432	ng		93
61) 4-Nitroaniline	15.33	138	46238	6.881	ng		91
62) Azobenzene	15.60	77	239355	7.959	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	26950	5.950	ng		87
65) n-Nitrosodiphenylamine	15.53	169	187420	7.612	ng		96
66) 4-Bromophenyl-phenylether	16.20	248	56995	7.650	ng	#	87
67) Hexachlorobenzene	16.31	284	68026	7.885	ng	#	91
68) Atrazine	16.48	200	35058	5.256	ng		95
69) Pentachlorophenol	16.66	266	33697	6.045	ng		98
70) Phenanthrene	17.05	178	340371	8.014	ng		99
71) Anthracene	17.14	178	326015	7.838	ng		97
72) Carbazole	17.41	167	305529	7.816	ng		97
73) Di-n-butylphthalate	17.99	149	325163	7.300	ng		98
74) Fluoranthene	19.07	202	342305	7.996	ng		94
76) Benzidine	19.26	184	54674	3.163	ng	#	93
77) Pyrene	19.43	202	363581	7.908	ng		99
79) Butylbenzylphthalate	20.36	149	115314	5.954	ng		91
80) Benzo(a)anthracene	21.20	228	319124	7.934	ng		97
81) 3,3'-Dichlorobenzidine	21.13	252	74282	5.867	ng	#	96
82) Chrysene	21.24	228	313459	8.050	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	184264	6.228	ng	#	93
84) Di-n-octyl phthalate	22.03	149	222443	5.255	ng		95
85) Indeno(1,2,3-cd)pyrene	26.23	276	205653	6.141	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	261277	7.731	ng	#	95
88) Benzo(k)fluoranthene	22.79	252	272091	8.083	ng	#	96
89) Benzo(a)pyrene	23.30	252	230809	7.484	ng	#	93
90) Dibenzo(a,h)anthracene	25.59	278	215344	7.086	ng	#	93
91) Benzo(g,h,i)perylene	26.23	276	205653	6.931	ng	#	89

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

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