Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000055.D
Acq On : 09 Feb 2018 12:58
Operator : JU/SJ
Sample : MDL-W-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:39 AM

Quant Time: Feb 12 15:08:27 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	8.47	152	333291	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1650990	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	982228	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	2171460	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2380417	20.00	ng		-0.01
86) Perylene-d12	24.40	264	2487392	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2902130	141.91	ng		0.00
7) Phenol-d6	7.59	99	4215240	136.08	ng		0.00
23) Nitrobenzene-d5	9.65	82	2519407	90.73	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1378971	141.83	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6471890	92.87	ng		0.00
78) Terphenyl-d14	20.36	244	8142816	92.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	36039	4.380	ng		99
3) Pyridine	4.12	79	78076	3.048	ng		96
4) n-Nitrosodimethylamine	4.01	42	28548	3.941	ng		87
6) Aniline	7.77	93	165367	3.875	ng		91
8) 2-Chlorophenol	8.02	128	102973	4.306	ng		89
9) Benzaldehyde	7.58	77	71495	3.710	ng		97
10) Phenol	7.62	94	139754	4.274	ng		88
11) bis(2-Chloroethyl)ether	7.87	93	113416	4.217	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	119463	4.396	ng		99
13) 1,4-Dichlorobenzene	8.50	146	121552	4.380	ng		98
14) 1,2-Dichlorobenzene	8.83	146	121476	4.447	ng		94
15) Benzyl Alcohol	8.70	79	76723	3.446	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.99	45	122253	4.295	ng		82
17) 2-Methylphenol	8.89	107	87121	3.749	ng		93
18) Hexachloroethane	9.58	117	37779	3.911	ng	#	83
19) n-Nitroso-di-n-propylamine	9.27	70	72827	3.508	ng	#	85
20) 3+4-Methylphenols	9.22	107	115064	3.540	ng		95
22) Acetophenone	9.29	105	188723	4.079	ng	#	87
24) Nitrobenzene	9.69	77	143725	4.734	ng	#	95
25) Isophorone	10.21	82	200409	3.491	ng		95
26) 2-Nitrophenol	10.40	139	30100	9.250	ng	#	87
27) 2,4-Dimethylphenol	10.45	122	89759	3.607	ng		91
28) bis(2-Chloroethoxy)methane	10.69	93	148947	4.046	ng		95
29) 2,4-Dichlorophenol	10.94	162	69772	3.030	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	115268	4.346	ng		97
31) Naphthalene	11.36	128	405200	4.477	ng		97
32) Benzoic acid	10.48	122	21981m	11.471	ng		
33) 4-Chloroaniline	11.45	127	146316	3.680	ng		94
34) Hexachlorobutadiene	11.63	225	59511	4.327	ng		93
35) Caprolactam	12.17	113	20859	5.917	ng		92
36) 4-Chloro-3-methylphenol	12.53	107	88119	3.014	ng		95
37) 2-Methylnaphthalene	12.93	142	264964	4.207	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	127148	4.386	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	40994	3.392	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	48579	2.796	ng		93
43) 2,4,5-Trichlorophenol	13.58	196	64455	3.086	ng	#	91
45) 1,1'-Biphenyl	13.92	154	405313	4.685	ng		98
46) 2-Chloronaphthalene	13.97	162	286924	4.420	ng		97
47) 2-Nitroaniline	14.15	65	43273	6.920	ng	#	83
48) Acenaphthylene	14.80	152	420129	4.017	ng		97
49) Dimethylphthalate	14.51	163	333142	4.057	ng		99
50) 2,6-Dinitrotoluene	14.63	165	47566	2.806	ng		91
51) Acenaphthene	15.14	154	292077	4.291	ng		98
52) 3-Nitroaniline	14.96	138	55561	2.697	ng	#	94
53) 2,4-Dinitrophenol	15.16	184	10705	10.803	ng		94
54) Dibenzofuran	15.47	168	441089	4.575	ng		96
55) 4-Nitrophenol	15.23	139	33430	6.833	ng	#	84
56) 2,4-Dinitrotoluene	15.41	165	53471	6.194	ng		95
57) Fluorene	16.11	166	348536	4.428	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	51338	3.114	ng	#	82
59) Diethylphthalate	15.86	149	320854	3.845	ng		98
60) 4-Chlorophenyl-phenylether	16.09	204	160428	4.472	ng	#	89
61) 4-Nitroaniline	16.10	138	57265	2.705	ng		94
62) Azobenzene	16.39	77	322251	3.880	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	18358	10.169	ng		84
65) n-Nitrosodiphenylamine	16.30	169	278649	3.944	ng		97
66) 4-Bromophenyl-phenylether	16.98	248	83571	4.047	ng	#	82
67) Hexachlorobenzene	17.10	284	105039	4.356	ng	#	88
68) Atrazine	17.23	200	70133	3.050	ng		96
69) Pentachlorophenol	17.43	266	36347	7.860	ng		99
70) Phenanthrene	17.83	178	579918	4.521	ng		100
71) Anthracene	17.93	178	507177	4.084	ng		98
72) Carbazole	18.19	167	505751	4.042	ng		97
73) Di-n-butylphthalate	18.72	149	400390	2.899	ng		98
74) Fluoranthene	19.81	202	555642	4.129	ng		95
76) Benzidine	19.98	184	132805	1.750	ng		95
77) Pyrene	20.17	202	629361	4.160	ng		99
79) Butylbenzylphthalate	21.03	149	136258	7.062	ng	#	91
80) Benzo(a)anthracene	21.89	228	623249	4.260	ng		97
81) 3,3'-Dichlorobenzidine	21.82	252	153079	2.849	ng	#	98
82) Chrysene	21.95	228	666296	4.570	ng		97
83) Bis(2-ethylhexyl)phthalate	21.79	149	211592	4.770	ng	#	93
84) Di-n-octyl phthalate	22.75	149	298740	7.991	ng		99
85) Indeno(1,2,3-cd)pyrene	26.95	276	690951	3.858	ng	#	86
87) Benzo(b)fluoranthene	23.64	252	601770	4.133	ng	#	94
88) Benzo(k)fluoranthene	23.69	252	625409	4.265	ng	#	96
89) Benzo(a)pyrene	24.29	252	552896	3.960	ng	#	93
90) Dibenzo(a,h)anthracene	26.96	278	582324	3.988	ng	#	90
91) Benzo(g,h,i)perylene	27.74	276	572428	3.877	ng	#	88

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

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