Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN021218\
Data File : BN000063.D
Acq On : 12 Feb 2018 13:08
Operator : JU/SJ
Sample : MDL-W-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
Sohil
2/13/2018 11:32:24 AM

Quant Time: Feb 12 15:07:19 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	294188	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1459941	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	870908	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	1975629	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2277872	20.00	ng		-0.01
86) Perylene-d12	24.39	264	2469152	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2417845	133.95	ng		0.00
7) Phenol-d6	7.59	99	3521554	128.79	ng		0.00
23) Nitrobenzene-d5	9.65	82	2279747	92.84	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1128788	130.94	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	5899228	95.47	ng		0.00
78) Terphenyl-d14	20.36	244	7906808	93.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	27833	3.832	ng		95
3) Pyridine	4.13	79	63918	2.827	ng		95
4) n-Nitrosodimethylamine	4.01	42	21597	3.378	ng	#	91
6) Aniline	7.77	93	118738	3.152	ng		92
8) 2-Chlorophenol	8.02	128	76927	3.644	ng		90
9) Benzaldehyde	7.58	77	48184	2.833	ng		89
10) Phenol	7.61	94	103059	3.571	ng		96
11) bis(2-Chloroethyl)ether	7.86	93	82813	3.489	ng		84
12) 1,3-Dichlorobenzene	8.35	146	89099	3.715	ng		97
13) 1,4-Dichlorobenzene	8.50	146	89922	3.671	ng		94
14) 1,2-Dichlorobenzene	8.83	146	91881	3.811	ng		96
15) Benzyl Alcohol	8.70	79	56168	2.858	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	90254	3.592	ng		81
17) 2-Methylphenol	8.89	107	63551	3.098	ng		93
18) Hexachloroethane	9.58	117	27913	3.274	ng	#	80
19) n-Nitroso-di-n-propylamine	9.27	70	51878	2.831	ng		89
20) 3+4-Methylphenols	9.22	107	83141	2.898	ng		95
22) Acetophenone	9.29	105	133555	3.265	ng	#	88
24) Nitrobenzene	9.69	77	106633	3.972	ng	#	92
25) Isophorone	10.20	82	141526	2.788	ng		97
26) 2-Nitrophenol	10.40	139	22751	8.951	ng		91
27) 2,4-Dimethylphenol	10.45	122	60321m	2.741	ng		
28) bis(2-Chloroethoxy)methane	10.69	93	108098	3.321	ng		97
29) 2,4-Dichlorophenol	10.93	162	50265	2.468	ng		94
30) 1,2,4-Trichlorobenzene	11.16	180	84699	3.612	ng		98
31) Naphthalene	11.36	128	295991	3.698	ng		99
32) Benzoic acid	10.48	122	14156m	11.219	ng		
33) 4-Chloroaniline	11.45	127	101072	2.875	ng		96
34) Hexachlorobutadiene	11.63	225	44277	3.641	ng		99
35) Caprolactam	12.17	113	14630	5.524	ng	#	85
36) 4-Chloro-3-methylphenol	12.53	107	59376	2.296	ng		97
37) 2-Methylnaphthalene	12.93	142	197073	3.539	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	93975	3.656	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	30590	2.855	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	32916	2.136	ng		100
43) 2,4,5-Trichlorophenol	13.58	196	39978	2.158	ng	#	90
45) 1,1'-Biphenyl	13.92	154	297726	3.882	ng		99
46) 2-Chloronaphthalene	13.96	162	210470	3.657	ng		95
47) 2-Nitroaniline	14.15	65	29852	6.467	ng		87
48) Acenaphthylene	14.80	152	292922	3.159	ng		99
49) Dimethylphthalate	14.51	163	236934	3.254	ng		99
50) 2,6-Dinitrotoluene	14.63	165	28295	1.883	ng		94
51) Acenaphthene	15.14	154	214970	3.562	ng		98
52) 3-Nitroaniline	14.96	138	39765	2.177	ng		95
53) 2,4-Dinitrophenol	15.16	184	7325	10.443	ng		77
54) Dibenzofuran	15.46	168	319434	3.737	ng		93
55) 4-Nitrophenol	15.24	139	22622	6.394	ng	#	80
56) 2,4-Dinitrotoluene	15.41	165	35691	5.697	ng	#	94
57) Fluorene	16.11	166	256009	3.668	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	32761	2.241	ng	#	81
59) Diethylphthalate	15.86	149	229487	3.102	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	117897	3.707	ng	#	89
61) 4-Nitroaniline	16.10	138	39646	2.112	ng		92
62) Azobenzene	16.39	77	223301	3.032	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	13389	9.879	ng		89
65) n-Nitrosodiphenylamine	16.30	169	200116	3.113	ng		97
66) 4-Bromophenyl-phenylether	16.98	248	62689	3.337	ng	#	82
67) Hexachlorobenzene	17.10	284	76130	3.470	ng	#	85
68) Atrazine	17.23	200	48531	2.320	ng		90
69) Pentachlorophenol	17.43	266	25487	7.395	ng		91
70) Phenanthrene	17.83	178	441598	3.784	ng		98
71) Anthracene	17.93	178	367910	3.256	ng		97
72) Carbazole	18.19	167	371956	3.267	ng	#	95
73) Di-n-butylphthalate	18.72	149	288208	2.293	ng		97
74) Fluoranthene	19.81	202	420672	3.436	ng		96
76) Benzidine	19.97	184	92441	1.273	ng		98
77) Pyrene	20.17	202	475476	3.284	ng		100
79) Butylbenzylphthalate	21.03	149	102322	6.699	ng	#	96
80) Benzo(a)anthracene	21.89	228	490394	3.503	ng		97
81) 3,3'-Dichlorobenzidine	21.81	252	117761	2.290	ng	#	96
82) Chrysene	21.95	228	524842	3.762	ng		98
83) Bis(2-ethylhexyl)phthalate	21.79	149	164220	4.417	ng	#	93
84) Di-n-octyl phthalate	22.75	149	228389	7.736	ng		98
85) Indeno(1,2,3-cd)pyrene	26.94	276	580502	3.387	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	486220	3.364	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	510183	3.505	ng	#	95
89) Benzo(a)pyrene	24.28	252	452700	3.266	ng	#	95
90) Dibenzo(a,h)anthracene	26.96	278	484345	3.342	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	479162	3.269	ng	#	87

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

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