Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN021218\
Data File : BN000060.D
Acq On : 12 Feb 2018 11:25
Operator : JU/SJ
Sample : MDL-S-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-04

Manual Integrations APPROVED
Sohil
2/13/2018 11:32:17 AM

Quant Time: Feb 12 14:58:45 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	327815	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1657713	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1017341	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2301205	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2501168	20.00	ng		0.00
86) Perylene-d12	24.40	264	2603945	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2704375	134.45	ng		-0.01
7) Phenol-d6	7.58	99	3913095	128.43	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2619026	93.93	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1378383	136.88	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	6812258	94.38	ng		-0.01
78) Terphenyl-d14	20.36	244	8757498	94.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	30576	3.778	ng		96
3) Pyridine	4.12	79	83032	3.296	ng		99
4) n-Nitrosodimethylamine	4.00	42	25110	3.524	ng	#	93
6) Aniline	7.76	93	137740	3.281	ng	#	89
8) 2-Chlorophenol	8.01	128	87259	3.710	ng		89
9) Benzaldehyde	7.57	77	53638	2.830	ng		96
10) Phenol	7.60	94	115665	3.596	ng		95
11) bis(2-Chloroethyl)ether	7.86	93	96684	3.655	ng	#	80
12) 1,3-Dichlorobenzene	8.35	146	98449	3.683	ng		99
13) 1,4-Dichlorobenzene	8.50	146	100260	3.673	ng		92
14) 1,2-Dichlorobenzene	8.82	146	100263	3.732	ng		92
15) Benzyl Alcohol	8.69	79	66472	3.035	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.99	45	101671	3.631	ng		79
17) 2-Methylphenol	8.89	107	71685	3.136	ng		93
18) Hexachloroethane	9.57	117	32836	3.456	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	63044	3.088	ng	#	84
20) 3+4-Methylphenols	9.22	107	94751	2.964	ng		91
22) Acetophenone	9.29	105	162812	3.505	ng	#	88
24) Nitrobenzene	9.68	77	114607	3.760	ng	#	95
25) Isophorone	10.20	82	172668	2.996	ng		96
26) 2-Nitrophenol	10.40	139	25731	8.944	ng		93
27) 2,4-Dimethylphenol	10.44	122	73529	2.943	ng		91
28) bis(2-Chloroethoxy)methane	10.69	93	126094	3.411	ng		99
29) 2,4-Dichlorophenol	10.93	162	58980	2.551	ng		95
30) 1,2,4-Trichlorobenzene	11.16	180	95810	3.598	ng		98
31) Naphthalene	11.35	128	336470	3.702	ng		98
32) Benzoic acid	10.47	122	23196m	11.518	ng		
33) 4-Chloroaniline	11.45	127	121799	3.051	ng		94
34) Hexachlorobutadiene	11.63	225	50677	3.670	ng		99
35) Caprolactam	12.17	113	19277	5.766	ng		89
36) 4-Chloro-3-methylphenol	12.53	107	73093	2.490	ng		96
37) 2-Methylnaphthalene	12.93	142	225648	3.568	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	107866	3.592	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	36138	2.887	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	41464	2.304	ng		99
43) 2,4,5-Trichlorophenol	13.58	196	51916	2.400	ng	#	91
45) 1,1'-Biphenyl	13.92	154	345293	3.854	ng		97
46) 2-Chloronaphthalene	13.96	162	245271	3.648	ng		98
47) 2-Nitroaniline	14.15	65	38419	6.629	ng	#	79
48) Acenaphthylene	14.80	152	349973	3.231	ng		98
49) Dimethylphthalate	14.51	163	289950	3.409	ng		99
50) 2,6-Dinitrotoluene	14.63	165	39901	2.273	ng		86
51) Acenaphthene	15.14	154	254089	3.604	ng		97
52) 3-Nitroaniline	14.96	138	49809	2.334	ng	#	97
53) 2,4-Dinitrophenol	15.16	184	9041	10.512	ng		91
54) Dibenzofuran	15.47	168	377212	3.778	ng		97
55) 4-Nitrophenol	15.23	139	27195	6.435	ng		93
56) 2,4-Dinitrotoluene	15.41	165	46532	5.873	ng	#	95
57) Fluorene	16.11	166	300462	3.685	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	40750	2.387	ng	#	76
59) Diethylphthalate	15.86	149	281402	3.256	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	136817	3.682	ng		90
61) 4-Nitroaniline	16.10	138	49825	2.272	ng		97
62) Azobenzene	16.39	77	272845	3.172	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	16293	9.931	ng		83
65) n-Nitrosodiphenylamine	16.30	169	243997	3.259	ng		97
66) 4-Bromophenyl-phenylether	16.98	248	73785	3.372	ng	#	82
67) Hexachlorobenzene	17.10	284	91540	3.582	ng	#	89
68) Atrazine	17.23	200	60654	2.489	ng		92
69) Pentachlorophenol	17.43	266	32144	7.524	ng		97
70) Phenanthrene	17.84	178	512754	3.772	ng		98
71) Anthracene	17.93	178	439590	3.340	ng		98
72) Carbazole	18.19	167	443367	3.344	ng		97
73) Di-n-butylphthalate	18.72	149	346285	2.366	ng	#	97
74) Fluoranthene	19.82	202	487310	3.417	ng		96
76) Benzidine	19.98	184	107429	1.347	ng		96
77) Pyrene	20.17	202	548444	3.450	ng		98
79) Butylbenzylphthalate	21.03	149	121114	6.802	ng		97
80) Benzo(a)anthracene	21.90	228	545014	3.545	ng		98
81) 3,3'-Dichlorobenzidine	21.82	252	139584	2.472	ng	#	96
82) Chrysene	21.96	228	581392	3.795	ng		99
83) Bis(2-ethylhexyl)phthalate	21.80	149	203748	4.614	ng	#	92
84) Di-n-octyl phthalate	22.76	149	263996	7.790	ng		97
85) Indeno(1,2,3-cd)pyrene	26.96	276	596105	3.168	ng	#	87
87) Benzo(b)fluoranthene	23.64	252	521044	3.419	ng	#	96
88) Benzo(k)fluoranthene	23.69	252	540242	3.519	ng	#	95
89) Benzo(a)pyrene	24.29	252	483537	3.308	ng	#	94
90) Dibenzo(a,h)anthracene	26.97	278	499551	3.268	ng	#	91
91) Benzo(g,h,i)perylene	27.74	276	503840	3.260	ng	#	85

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

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