Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000046.D
Acq On : 07 Feb 2018 21:32
Operator : JU/SJ
Sample : MDL-W-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-06

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:39 PM

Quant Time: Feb 08 13:56:17 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	296826	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1483297	20.00	ng		0.00
38) Acenaphthene-d10	15.08	164	938927	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2238155	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2574697	20.00	ng		0.00
86) Perylene-d12	24.42	264	2710435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	3465658	190.29	ng		0.00
7) Phenol-d6	7.59	99	4885551	177.09	ng		0.00
23) Nitrobenzene-d5	9.65	82	2452405	98.30	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1443803	155.35	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	6532132	98.05	ng		0.00
78) Terphenyl-d14	20.36	244	10105461	105.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	26801	3.657	ng	#	90
3) Pyridine	4.13	79	51343	2.251	ng		98
4) n-Nitrosodimethylamine	4.01	42	23349	3.619	ng	#	78
6) Aniline	7.78	93	117850	3.101	ng		89
8) 2-Chlorophenol	8.02	128	96611	4.536	ng		92
9) Benzaldehyde	7.59	77	75146	4.378	ng		94
10) Phenol	7.62	94	137871	4.734	ng		95
11) bis(2-Chloroethyl)ether	7.87	93	90284	3.769	ng	#	82
12) 1,3-Dichlorobenzene	8.36	146	87209	3.604	ng		98
13) 1,4-Dichlorobenzene	8.50	146	90269	3.653	ng		92
14) 1,2-Dichlorobenzene	8.83	146	88407	3.634	ng		96
15) Benzyl Alcohol	8.70	79	66746	3.366	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	93183	3.676	ng		79
17) 2-Methylphenol	8.90	107	78685	3.802	ng		94
18) Hexachloroethane	9.58	117	27832	3.235	ng	#	83
19) n-Nitroso-di-n-propylamine	9.27	70	53936	2.918	ng	#	83
20) 3+4-Methylphenols	9.22	107	102300	3.534	ng		95
22) Acetophenone	9.30	105	140055	3.370	ng	#	86
24) Nitrobenzene	9.69	77	110689	4.058	ng	#	97
25) Isophorone	10.21	82	157724	3.058	ng		97
26) 2-Nitrophenol	10.40	139	22231	8.884	ng		90
27) 2,4-Dimethylphenol	10.45	122	102809	4.598	ng		92
28) bis(2-Chloroethoxy)methane	10.69	93	126098	3.813	ng		93
29) 2,4-Dichlorophenol	10.94	162	67023	3.239	ng		98
30) 1,2,4-Trichlorobenzene	11.16	180	85116	3.572	ng		97
31) Naphthalene	11.36	128	297273	3.656	ng		98
32) Benzoic acid	10.47	122	19130m	11.442	ng		
33) 4-Chloroaniline	11.45	127	116360	3.257	ng		94
34) Hexachlorobutadiene	11.64	225	41938	3.394	ng		95
35) Caprolactam	12.17	113	17778	5.820	ng		91
36) 4-Chloro-3-methylphenol	12.53	107	79637	3.032	ng	#	97
37) 2-Methylnaphthalene	12.93	142	211737	3.742	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	94688	3.417	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	30252	2.619	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	42169	2.539	ng		91
43) 2,4,5-Trichlorophenol	13.59	196	50444	2.526	ng	#	90
45) 1,1'-Biphenyl	13.92	154	317832	3.843	ng		98
46) 2-Chloronaphthalene	13.97	162	216238	3.485	ng		96
47) 2-Nitroaniline	14.15	65	35115	6.612	ng		92
48) Acenaphthylene	14.80	152	318284	3.184	ng		97
49) Dimethylphthalate	14.52	163	263938	3.363	ng		99
50) 2,6-Dinitrotoluene	14.63	165	35943	2.218	ng		93
51) Acenaphthene	15.14	154	225519	3.466	ng		98
52) 3-Nitroaniline	14.96	138	44189	2.244	ng	#	96
53) 2,4-Dinitrophenol	15.16	184	6349	10.205	ng	#	37
54) Dibenzofuran	15.47	168	372855	4.046	ng		96
55) 4-Nitrophenol	15.24	139	29015	6.662	ng		93
56) 2,4-Dinitrotoluene	15.41	165	42012	5.836	ng		95
57) Fluorene	16.11	166	287986	3.827	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.68	232	41361	2.625	ng	#	76
59) Diethylphthalate	15.86	149	265812	3.333	ng		97
60) 4-Chlorophenyl-phenylether	16.10	204	134106	3.911	ng		92
61) 4-Nitroaniline	16.11	138	46743	2.310	ng		98
62) Azobenzene	16.39	77	259615	3.270	ng		89
64) 4,6-Dinitro-2-methylphenol	16.16	198	12273	9.655	ng		80
65) n-Nitrosodiphenylamine	16.30	169	237726	3.264	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	70518	3.313	ng	#	83
67) Hexachlorobenzene	17.10	284	86047	3.462	ng	#	89
68) Atrazine	17.23	200	63748	2.690	ng		92
69) Pentachlorophenol	17.44	266	26351	7.258	ng		95
70) Phenanthrene	17.84	178	511157	3.866	ng		98
71) Anthracene	17.93	178	452054	3.531	ng		98
72) Carbazole	18.19	167	436196	3.382	ng		97
73) Di-n-butylphthalate	18.73	149	338721	2.379	ng		98
74) Fluoranthene	19.82	202	508070	3.663	ng		96
76) Benzidine	19.99	184	100646	1.226	ng		96
77) Pyrene	20.17	202	552898	3.379	ng		99
79) Butylbenzylphthalate	21.04	149	126717	6.825	ng	#	96
80) Benzo(a)anthracene	21.91	228	585520	3.700	ng		97
81) 3,3'-Dichlorobenzidine	21.83	252	140670	2.420	ng	#	97
82) Chrysene	21.96	228	595898	3.779	ng		98
83) Bis(2-ethylhexyl)phthalate	21.81	149	184612	4.409	ng	#	95
84) Di-n-octyl phthalate	22.77	149	282544	7.832	ng		98
85) Indeno(1,2,3-cd)pyrene	26.98	276	634151	3.273	ng	#	85
87) Benzo(b)fluoranthene	23.66	252	542339	3.418	ng	#	95
88) Benzo(k)fluoranthene	23.71	252	580107	3.631	ng	#	97
89) Benzo(a)pyrene	24.31	252	516589	3.395	ng	#	94
90) Dibenzo(a,h)anthracene	26.99	278	538613	3.385	ng	#	91
91) Benzo(g,h,i)perylene	27.77	276	544580	3.385	ng	#	89

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

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