Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020518\
Data File : BN000016.D
Acq On : 05 Feb 2018 13:33
Operator : SJ/JU
Sample : MDL-S-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Manual Integrations APPROVED
Sohil
2/6/2018 5:15:25 PM

Quant Time: Feb 06 16:53:56 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 19:48:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	293801	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	1446716	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	853902	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	1934265	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2246983	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2410393	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2464807	123.70	ng		0.00
7) Phenol-d6	7.59	99	3525895	116.49	ng		0.00
23) Nitrobenzene-d5	9.65	82	2266443	94.73	ng		-0.01
41) 2,4,6-Tribromophenol	16.56	330	1028316	119.80	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	5997805	94.07	ng		0.00
78) Terphenyl-d14	20.37	244	8019213	94.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	24628	3.124	ng		92
3) Pyridine	4.15	79	58068	2.429	ng	#	88
4) n-Nitrosodimethylamine	4.02	42	17306	2.460	ng	#	95
6) Aniline	7.78	93	109545	2.655	ng		90
8) 2-Chlorophenol	8.03	128	64973	2.947	ng		92
9) Benzaldehyde	7.59	77	64097	1.782	ng		99
10) Phenol	7.62	94	89544	2.894	ng		93
11) bis(2-Chloroethyl)ether	7.88	93	73870	2.993	ng		84
12) 1,3-Dichlorobenzene	8.36	146	74645	3.050	ng		97
13) 1,4-Dichlorobenzene	8.52	146	77562	3.086	ng		96
14) 1,2-Dichlorobenzene	8.84	146	77385	3.116	ng		95
15) Benzyl Alcohol	8.71	79	49695	2.236	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.00	45	78678	2.947	ng		79
17) 2-Methylphenol	8.90	107	52515	2.354	ng		91
18) Hexachloroethane	9.58	117	23494	2.726	ng	#	79
19) n-Nitroso-di-n-propylamine	9.28	70	45747	2.243	ng	#	81
20) 3+4-Methylphenols	9.23	107	69561	2.226	ng		95
22) Acetophenone	9.30	105	119112	2.788	ng	#	88
24) Nitrobenzene	9.69	77	89758	3.498	ng	#	94
25) Isophorone	10.22	82	129056	2.277	ng		95
26) 2-Nitrophenol	10.42	139	14508	1.617	ng		92
27) 2,4-Dimethylphenol	10.46	122	60698	2.612	ng		96
28) bis(2-Chloroethoxy)methane	10.70	93	89470	2.737	ng		97
29) 2,4-Dichlorophenol	10.95	162	40592	2.036	ng		94
30) 1,2,4-Trichlorobenzene	11.17	180	72984	3.126	ng		91
31) Naphthalene	11.37	128	251914	3.105	ng		98
32) Benzoic acid	10.47	122	13340m	7.401	ng		
33) 4-Chloroaniline	11.46	127	92662	2.463	ng		94
34) Hexachlorobutadiene	11.65	225	37837	3.181	ng		93
35) Caprolactam	12.18	113	12995	1.466	ng		98
36) 4-Chloro-3-methylphenol	12.54	107	47988	1.770	ng		87
37) 2-Methylnaphthalene	12.95	142	163302	2.848	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	77526	3.117	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	20256	2.438	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	26366m	1.793	ng		
43) 2,4,5-Trichlorophenol	13.59	196	30406	1.756	ng	#	93
45) 1,1'-Biphenyl	13.93	154	246344	3.229	ng		98
46) 2-Chloronaphthalene	13.97	162	176209	3.076	ng		95
47) 2-Nitroaniline	14.16	65	23094	1.493	ng		98
48) Acenaphthylene	14.81	152	241951	2.516	ng		98
49) Dimethylphthalate	14.52	163	195470	2.561	ng		97
50) 2,6-Dinitrotoluene	14.65	165	21109	1.398	ng		90
51) Acenaphthene	15.15	154	177114	2.918	ng		98
52) 3-Nitroaniline	14.97	138	25986	1.394	ng	#	94
53) 2,4-Dinitrophenol	15.17	184	4847	6.035	ng		80
54) Dibenzofuran	15.47	168	270219	3.103	ng		96
55) 4-Nitrophenol	15.25	139	15995	1.139	ng	#	86
56) 2,4-Dinitrotoluene	15.42	165	22427	1.103	ng	#	86
57) Fluorene	16.12	166	211217	2.880	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	23125	1.640	ng	#	77
59) Diethylphthalate	15.87	149	186140	2.334	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	99024	3.055	ng		93
61) 4-Nitroaniline	16.12	138	26622	1.342	ng		91
62) Azobenzene	16.40	77	189274	2.375	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	8552	1.206	ng		83
65) n-Nitrosodiphenylamine	16.32	169	167258	2.646	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	51857	2.865	ng	#	87
67) Hexachlorobenzene	17.11	284	65001	3.117	ng	#	86
68) Atrazine	17.24	200	42044	2.182	ng		96
69) Pentachlorophenol	17.45	266	19629	1.572	ng		89
70) Phenanthrene	17.85	178	369476	3.175	ng		99
71) Anthracene	17.94	178	309764	2.687	ng		98
72) Carbazole	18.20	167	313291	2.626	ng		96
73) Di-n-butylphthalate	18.74	149	226847	1.712	ng	#	97
74) Fluoranthene	19.82	202	350668	2.654	ng		95
76) Benzidine	19.99	184	98880	1.738	ng	#	94
77) Pyrene	20.18	202	399032	2.815	ng		100
79) Butylbenzylphthalate	21.05	149	68768	1.097	ng	#	84
80) Benzo(a)anthracene	21.91	228	394459	2.831	ng		98
81) 3,3'-Dichlorobenzidine	21.83	252	84325	1.806	ng	#	98
82) Chrysene	21.97	228	450299	3.255	ng		96
83) Bis(2-ethylhexyl)phthalate	21.82	149	121255	1.297	ng	#	93
84) Di-n-octyl phthalate	22.79	149	161104	1.065	ng		95
85) Indeno(1,2,3-cd)pyrene	27.00	276	453782	2.543	ng	#	87
87) Benzo(b)fluoranthene	23.67	252	392035	2.735	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	403670	2.809	ng	#	96
89) Benzo(a)pyrene	24.32	252	348849	2.506	ng	#	93
90) Dibenzo(a,h)anthracene	27.02	278	378369	2.596	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	384904	2.599	ng	#	91

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

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