Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100268.D
Acq On : 6 Nov 2017 23:08
Operator : SJ/JU
Sample : I6332-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-0029MSD

Manual Integrations APPROVED
Sohil
11/7/2017 5:40:00 PM

Quant Time: Nov 07 10:55:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 13:31:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98464	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	405251	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	193487	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	330235	20.00	ng		0.00
75) Chrysene-d12	13.94	240	166134	20.00	ng		0.00
86) Perylene-d12	15.41	264	171078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	397251	63.34	ng		0.02
7) Phenol-d6	6.42	99	281018	37.79	ng		0.00
23) Nitrobenzene-d5	7.34	82	516086	81.99	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	202515	114.85	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1016844	81.08	ng		0.00
78) Terphenyl-d14	12.87	244	851089	111.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	42091	15.198	ng	#	87
3) Pyridine	3.40	79	58310m	8.755	ng		
4) n-Nitrosodimethylamine	3.27	42	33617m	14.129	ng		
6) Aniline	6.44	93	148547	15.406	ng	#	77
8) 2-Chlorophenol	6.56	128	261222	39.080	ng		90
9) Benzaldehyde	6.35	77	152974m	34.424	ng		
10) Phenol	6.43	94	111588	13.667	ng	#	1
11) bis(2-Chloroethyl)ether	6.50	93	282691	44.836	ng		92
12) 1,3-Dichlorobenzene	6.70	146	343807m	45.809	ng		
13) 1,4-Dichlorobenzene	6.77	146	349417	45.872	ng		98
14) 1,2-Dichlorobenzene	6.93	146	317814	45.780	ng		98
15) Benzyl Alcohol	6.92	79	130668	27.629	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	363998	51.970	ng		92
17) 2-Methylphenol	7.04	107	172914	30.926	ng	#	89
18) Hexachloroethane	7.26	117	118311	46.555	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	200722	46.059	ng		89
20) 3+4-Methylphenols	7.20	107	209901	32.241	ng		98
22) Acetophenone	7.18	105	420641	45.587	ng	#	90
24) Nitrobenzene	7.36	77	299646	47.245	ng		89
25) Isophorone	7.59	82	562290	49.228	ng		96
26) 2-Nitrophenol	7.67	139	172510	47.489	ng	#	83
27) 2,4-Dimethylphenol	7.71	122	312101	58.311	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	385314	48.168	ng		100
29) 2,4-Dichlorophenol	7.92	162	263352	47.364	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	274129	46.143	ng		98
31) Naphthalene	8.06	128	900308	46.024	ng		99
32) Benzoic acid	7.87	122	51729	10.980	ng		96
33) 4-Chloroaniline	8.13	127	151399	18.743	ng	#	94
34) Hexachlorobutadiene	8.17	225	136246	44.587	ng		99
35) Caprolactam	8.57	113	12556m	7.181	ng		
36) 4-Chloro-3-methylphenol	8.62	107	244341	43.055	ng		90
37) 2-Methylnaphthalene	8.76	142	621593	47.417	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	258984	41.443	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	47338	45.859	ng		99

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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	9.05	196	167330	44.267	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	155731	38.823	ng		94
45) 1,1'-Biphenyl	9.22	154	734603	41.968	ng		98
46) 2-Chloronaphthalene	9.25	162	583947	45.937	ng		95
47) 2-Nitroaniline	9.36	65	151079	45.283	ng		90
48) Acenaphthylene	9.66	152	858245	43.835	ng		100
49) Dimethylphthalate	9.53	163	676065	44.122	ng		100
50) 2,6-Dinitrotoluene	9.60	165	152293	47.279	ng	#	92
51) Acenaphthene	9.83	154	526345	43.997	ng		98
52) 3-Nitroaniline	9.79	138	78371	20.649	ng		90
53) 2,4-Dinitrophenol	9.91	184	128135	99.257	ng	#	85
54) Dibenzofuran	10.00	168	794930	47.074	ng		99
56) 2,4-Dinitrotoluene	10.02	165	209166	53.920	ng	#	80
57) Fluorene	10.35	166	617838	44.189	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	129097	45.902	ng		89
59) Diethylphthalate	10.22	149	643076	42.977	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	294814	44.803	ng		94
61) 4-Nitroaniline	10.41	138	139852	38.621	ng		81
62) Azobenzene	10.50	77	555291	44.270	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	77193	37.186	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	555652	45.581	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	169353	48.713	ng	#	87
67) Hexachlorobenzene	10.90	284	167372	47.058	ng	#	87
68) Atrazine	10.99	200	167170	45.652	ng		99
69) Pentachlorophenol	11.11	266	108197	71.192	ng		99
70) Phenanthrene	11.32	178	855413	45.899	ng		99
71) Anthracene	11.37	178	894126	47.265	ng		99
72) Carbazole	11.53	167	813240	45.715	ng		99
73) Di-n-butylphthalate	11.84	149	991690	43.706	ng	#	98
74) Fluoranthene	12.51	202	801230	41.369	ng		98
76) Benzidine	12.64	184	63945	8.796	ng		98
77) Pyrene	12.74	202	796368	63.040	ng		99
79) Butylbenzylphthalate	13.34	149	340897	54.800	ng	#	86
80) Benzo(a)anthracene	13.93	228	486592	46.202	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	110597	28.929	ng		96
82) Chrysene	13.97	228	469792	47.448	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	425161	48.668	ng		98
84) Di-n-octyl phthalate	14.50	149	584294	38.969	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	560390	61.652	ng		97
87) Benzo(b)fluoranthene	14.98	252	434469	40.218	ng		97
88) Benzo(k)fluoranthene	15.01	252	481352	47.253	ng		98
89) Benzo(a)pyrene	15.34	252	466001	48.022	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	471422	54.673	ng		97
91) Benzo(g,h,i)perylene	17.32	276	486669	57.690	ng		98

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

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