Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100684.D
Acq On : 17 Nov 2017 20:10
Operator : SJ/JU
Sample : I6289-05MSD 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-111417MSD

Manual Integrations APPROVED
SOHIL
11/20/2017 2:51:17 PM

Quant Time: Nov 17 23:34:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93693	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	377493	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	175002	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	292666	20.00	ng		0.00
75) Chrysene-d12	14.04	240	215126	20.00	ng		0.00
86) Perylene-d12	15.52	264	224772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	130985	22.41	ng		0.00
7) Phenol-d6	6.50	99	157021	21.79	ng		-0.01
23) Nitrobenzene-d5	7.44	82	91845	16.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	39053	21.90	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	208685	18.16	ng		0.00
78) Terphenyl-d14	12.98	244	148273	15.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	16202	5.688	ng	#	94
3) Pyridine	3.48	79	42967	5.529	ng		97
4) n-Nitrosodimethylamine	3.39	42	22196	5.883	ng		97
6) Aniline	6.54	93	30231	2.969	ng		99
8) 2-Chlorophenol	6.66	128	50801	8.216	ng		93
9) Benzaldehyde	6.43	77	18493	3.593	ng		89
10) Phenol	6.51	94	67877	8.971	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	45380	7.140	ng		99
12) 1,3-Dichlorobenzene	6.82	146	55225	7.747	ng		96
13) 1,4-Dichlorobenzene	6.90	146	56988	7.898	ng		95
14) 1,2-Dichlorobenzene	7.05	146	54398	8.154	ng		97
15) Benzyl Alcohol	7.02	79	41242	7.332	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.15	45	77557	7.630	ng		98
17) 2-Methylphenol	7.12	107	40187	7.605	ng		97
18) Hexachloroethane	7.39	117	17862	7.508	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	34045	6.811	ng		96
20) 3+4-Methylphenols	7.27	107	55395	8.284	ng		97
22) Acetophenone	7.29	105	70007	7.605	ng	#	99
24) Nitrobenzene	7.46	77	50183	8.539	ng		98
25) Isophorone	7.69	82	89199	7.434	ng		98
26) 2-Nitrophenol	7.77	139	26557	13.937	ng		94
27) 2,4-Dimethylphenol	7.80	122	44633	8.298	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	57612	7.341	ng		98
29) 2,4-Dichlorophenol	8.02	162	43516	8.475	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	46078	8.296	ng		97
31) Naphthalene	8.19	128	150739	8.291	ng		98
32) Benzoic acid	7.88	122	3649m	10.084	ng		
33) 4-Chloroaniline	8.23	127	31007	4.097	ng		98
34) Hexachlorobutadiene	8.30	225	25497	7.721	ng		94
35) Caprolactam	8.56	113	11931	6.771	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	42669	7.737	ng		94
37) 2-Methylnaphthalene	8.87	142	103017	8.534	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	46768	8.058	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	9244	3.384	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	30709	8.348	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	31935	8.379	ng		93
45) 1,1'-Biphenyl	9.33	154	122832	8.115	ng		97
46) 2-Chloronaphthalene	9.36	162	94383	8.596	ng		95
47) 2-Nitroaniline	9.46	65	25659	10.234	ng		89
48) Acenaphthylene	9.78	152	143479	7.885	ng		99
49) Dimethylphthalate	9.63	163	113521	8.496	ng		100
50) 2,6-Dinitrotoluene	9.69	165	21513	8.134	ng		99
51) Acenaphthene	9.95	154	91243	8.244	ng		97
52) 3-Nitroaniline	9.86	138	17774	5.691	ng		99
53) 2,4-Dinitrophenol	9.97	184	6781	15.535	ng	#	12
54) Dibenzofuran	10.12	168	131159	8.456	ng		95
55) 4-Nitrophenol	10.02	139	30406	11.990	ng		85
56) 2,4-Dinitrotoluene	10.10	165	28323	8.489	ng	#	83
57) Fluorene	10.46	166	100119	8.811	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	23289	7.456	ng	#	85
59) Diethylphthalate	10.33	149	100792	7.538	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	47004	8.432	ng		88
61) 4-Nitroaniline	10.47	138	20226	6.830	ng		84
62) Azobenzene	10.62	77	90082	7.153	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	6564	12.219	ng		84
65) n-Nitrosodiphenylamine	10.57	169	87921	8.640	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	27595	8.796	ng	#	86
67) Hexachlorobenzene	11.01	284	28443	8.668	ng	#	85
68) Atrazine	11.09	200	25644	8.325	ng		96
69) Pentachlorophenol	11.20	266	23830	10.128	ng		96
70) Phenanthrene	11.43	178	163215	10.592	ng		97
71) Anthracene	11.48	178	140488	8.986	ng		98
72) Carbazole	11.63	167	109775	7.610	ng		96
73) Di-n-butylphthalate	11.96	149	138103	8.181	ng		98
74) Fluoranthene	12.62	202	149317	9.143	ng		94
77) Pyrene	12.84	202	142669	9.303	ng		99
79) Butylbenzylphthalate	13.46	149	45217	7.230	ng		89
80) Benzo(a)anthracene	14.03	228	118646	9.158	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	27396	5.902	ng	#	97
82) Chrysene	14.06	228	116443	9.282	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	62543	7.604	ng		100
84) Di-n-octyl phthalate	14.62	149	109992	7.784	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	95196	9.382	ng		92
87) Benzo(b)fluoranthene	15.08	252	114407	8.591	ng		98
88) Benzo(k)fluoranthene	15.11	252	106941	8.499	ng		98
89) Benzo(a)pyrene	15.45	252	107923	9.142	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	78058	8.085	ng		97
91) Benzo(g,h,i)perylene	17.44	276	76790	8.125	ng		92

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

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