Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089809.D
Acq On : 19 Aug 2016 21:20
Operator : UM/SJ
Sample : H4367-20MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Manual Integrations APPROVED
sohil
8/22/2016 3:48:15 PM

Quant Time: Aug 22 02:04:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	589899	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2260691	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	955189	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1458268	20.00	ng		0.01
75) Chrysene-d12	13.85	240	747282	20.00	ng		-0.02
86) Perylene-d12	15.30	264	908612	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3129856	90.99	ng		0.01
7) Phenol-d6	6.33	99	4238916	100.39	ng		0.01
23) Nitrobenzene-d5	7.26	82	2641390	72.59	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	924215	101.81	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4091593	75.29	ng		0.00
78) Terphenyl-d14	12.79	244	2555392	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	272403	16.00	ng		96
3) Pyridine	2.83	79	775791	17.38	ng		93
4) n-Nitrosodimethylamine	2.78	42	421829	25.38	ng	#	77
6) Aniline	6.39	93	1160396	20.49	ng		96
8) 2-Chlorophenol	6.47	128	1397963	33.98	ng		89
9) Benzaldehyde	6.22	77	371444	13.50	ng		98
10) Phenol	6.34	94	1921778	38.83	ng		84
11) bis(2-Chloroethyl)ether	6.43	93	1370611	35.72	ng		90
12) 1,3-Dichlorobenzene	6.63	146	1342952m	31.23	ng		
13) 1,4-Dichlorobenzene	6.71	146	1307747m	29.58	ng		
14) 1,2-Dichlorobenzene	6.86	146	1316301	31.90	ng		96
15) Benzyl Alcohol	6.83	79	1081784	38.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1702970	34.67	ng		90
17) 2-Methylphenol	6.95	107	1181765	36.68	ng		98
18) Hexachloroethane	7.20	117	474142	30.07	ng	#	87
19) n-Nitroso-di-n-propylamine	7.12	70	1070400	39.64	ng	#	82
20) 3+4-Methylphenols	7.11	107	1368329	34.64	ng	#	69
22) Acetophenone	7.10	105	1762264	33.95	ng	#	90
24) Nitrobenzene	7.27	77	1365559	33.45	ng		96
25) Isophorone	7.52	82	2841697	38.72	ng	#	90
26) 2-Nitrophenol	7.59	139	691586	33.95	ng	#	83
27) 2,4-Dimethylphenol	7.63	122	1228919	33.47	ng		95
28) bis(2-Chloroethoxy)methane	7.74	93	1962886	43.23	ng		96
29) 2,4-Dichlorophenol	7.83	162	1137510	36.93	ng		90
30) 1,2,4-Trichlorobenzene	7.92	180	1260603	37.00	ng		96
31) Naphthalene	8.00	128	3993108	37.79	ng		100
33) 4-Chloroaniline	8.04	127	853874	18.64	ng	#	91
34) Hexachlorobutadiene	8.12	225	628963	35.25	ng		96
35) Caprolactam	8.41	113	364311	38.84	ng		87
36) 4-Chloro-3-methylphenol	8.54	107	1371635	41.11	ng		99
37) 2-Methylnaphthalene	8.68	142	2684125	39.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	969408	31.34	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	412096	38.37	ng		97
42) 2,4,6-Trichlorophenol	8.96	196	781585	40.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	825823	42.67	ng		97
45) 1,1'-Biphenyl	9.15	154	2914798	39.43	ng		95
46) 2-Chloronaphthalene	9.16	162	2303338	39.42	ng		99
47) 2-Nitroaniline	9.27	65	868839	52.13	ng	#	79
48) Acenaphthylene	9.58	152	3618196	41.21	ng		99
49) Dimethylphthalate	9.46	163	4583510	68.15	ng	#	97
50) 2,6-Dinitrotoluene	9.51	165	620621	39.97	ng	#	83
51) Acenaphthene	9.76	154	2421971	41.68	ng		100
52) 3-Nitroaniline	9.67	138	553771	32.19	ng		95
53) 2,4-Dinitrophenol	9.77	184	77650	14.66	ng		93
54) Dibenzofuran	9.93	168	3318846	45.47	ng	#	87
55) 4-Nitrophenol	9.84	139	935753	66.64	ng		93
56) 2,4-Dinitrotoluene	9.91	165	812814	40.34	ng	#	75
57) Fluorene	10.26	166	2247690	38.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	599046	42.53	ng		95
59) Diethylphthalate	10.16	149	2932309	42.92	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1015214	38.26	ng		94
61) 4-Nitroaniline	10.28	138	702820	43.58	ng		97
62) Azobenzene	10.42	77	2802593	43.63	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	82421	9.84	ng		91
65) n-Nitrosodiphenylamine	10.39	169	2402941	52.41	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	712090	46.57	ng	#	90
67) Hexachlorobenzene	10.81	284	724271	41.53	ng	#	89
68) Atrazine	10.91	200	595228	42.39	ng		96
69) Pentachlorophenol	11.00	266	734005	74.25	ng		98
70) Phenanthrene	11.22	178	3490026	47.39	ng		97
71) Anthracene	11.27	178	3002156	40.10	ng		99
72) Carbazole	11.43	167	3116680	46.41	ng		97
73) Di-n-butylphthalate	11.78	149	3736591	44.47	ng	#	99
74) Fluoranthene	12.40	202	2530966	36.13	ng		95
76) Benzidine	12.53	184	672674	27.82	ng		99
77) Pyrene	12.63	202	2511003	41.26	ng		97
79) Butylbenzylphthalate	13.27	149	1075283	39.13	ng	#	82
80) Benzo(a)anthracene	13.84	228	1878801	43.90	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	554082	39.49	ng		97
82) Chrysene	13.87	228	1684850	45.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	1436965	37.95	ng		96
84) Di-n-octyl phthalate	14.51	149	2265428	45.03	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	2921977	62.42	ng		100
87) Benzo(b)fluoranthene	14.91	252	2460774m	49.23	ng		
88) Benzo(k)fluoranthene	14.95	252	1312365m	28.94	ng		
89) Benzo(a)pyrene	15.25	252	2007503	42.43	ng	#	92
90) Dibenzo(a,h)anthracene	16.63	278	2406493	46.86	ng		99
91) Benzo(g,h,i)perylene	16.99	276	2530216	46.79	ng		98

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

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