Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097976.D
Acq On : 23 Aug 2017 1:49
Operator : SJ/JU
Sample : I4910-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:56 PM

Quant Time: Aug 23 02:28:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139611	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	534471	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	215942	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	340108	20.00	ng		0.00
75) Chrysene-d12	13.90	240	264329	20.00	ng		0.00
86) Perylene-d12	15.33	264	234828	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1085904	118.31	ng		0.02
7) Phenol-d6	6.40	99	1467858	117.70	ng		0.01
23) Nitrobenzene-d5	7.32	82	937601	95.30	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	202201	107.92	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1223178	83.22	ng		0.00
78) Terphenyl-d14	12.85	244	750934	59.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	156959	30.664	ng		92
3) Pyridine	3.21	79	438466	30.985	ng		88
4) n-Nitrosodimethylamine	3.15	42	195090	35.830	ng		81
6) Aniline	6.42	93	429533	24.518	ng	#	59
8) 2-Chlorophenol	6.54	128	360845	37.279	ng		96
9) Benzaldehyde	6.30	77	241592	30.585	ng		88
10) Phenol	6.41	94	533832	36.601	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	420348	38.184	ng		96
12) 1,3-Dichlorobenzene	6.69	146	365606	35.114	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	374127	35.330	ng	#	93
14) 1,2-Dichlorobenzene	6.92	146	344800	35.313	ng		99
15) Benzyl Alcohol	6.90	79	361314	38.698	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	549928	37.128	ng		91
17) 2-Methylphenol	7.02	107	328511	38.512	ng		95
18) Hexachloroethane	7.26	117	138102	33.264	ng	#	81
19) n-Nitroso-di-n-propylamine	7.17	70	300910	35.248	ng		90
20) 3+4-Methylphenols	7.17	107	376460	36.133	ng		97
22) Acetophenone	7.16	105	534613	37.864	ng	#	90
24) Nitrobenzene	7.34	77	466212	42.559	ng		94
25) Isophorone	7.57	82	840186	41.069	ng		96
26) 2-Nitrophenol	7.65	139	132087	34.894	ng	#	77
27) 2,4-Dimethylphenol	7.70	122	332798	39.006	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	541461	40.258	ng		98
29) 2,4-Dichlorophenol	7.90	162	268339	37.888	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	297758	37.925	ng		98
31) Naphthalene	8.06	128	1241817	44.755	ng		99
32) Benzoic acid	7.80	122	137098	25.516	ng		88
33) 4-Chloroaniline	8.10	127	201856	17.250	ng		100
34) Hexachlorobutadiene	8.17	225	173614	37.873	ng		99
35) Caprolactam	8.48	113	86925m	36.102	ng		
36) 4-Chloro-3-methylphenol	8.59	107	312604	34.354	ng	#	79
37) 2-Methylnaphthalene	8.75	142	710246	41.751	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	272593	41.133	ng		98
40) Hexachlorocyclopentadiene	8.90	237	92152	28.944	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	164327	36.933	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	161870	36.672	ng		95
45) 1,1'-Biphenyl	9.22	154	790155	40.126	ng		97
46) 2-Chloronaphthalene	9.23	162	566267	38.919	ng	#	91
47) 2-Nitroaniline	9.33	65	222731	45.663	ng		95
48) Acenaphthylene	9.65	152	920769	40.299	ng		99
49) Dimethylphthalate	9.52	163	882732	55.923	ng		100
50) 2,6-Dinitrotoluene	9.57	165	133808	42.468	ng	#	49
51) Acenaphthene	9.82	154	557324	38.676	ng		99
52) 3-Nitroaniline	9.75	138	137088	33.723	ng		92
53) 2,4-Dinitrophenol	9.85	184	7845	14.713	ng	#	76
54) Dibenzofuran	9.99	168	818794	42.396	ng		99
55) 4-Nitrophenol	9.91	139	171490	52.883	ng	#	42
56) 2,4-Dinitrotoluene	9.98	165	158201	40.009	ng	#	61
57) Fluorene	10.34	166	599584	40.155	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	122439	35.827	ng		94
59) Diethylphthalate	10.22	149	706151	42.780	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	272261	39.249	ng		89
61) 4-Nitroaniline	10.36	138	144288	37.345	ng		76
62) Azobenzene	10.49	77	788073	40.192	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7401	12.138	ng		98
65) n-Nitrosodiphenylamine	10.45	169	518427	44.763	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	160489	45.441	ng		97
67) Hexachlorobenzene	10.88	284	145190	40.332	ng	#	82
68) Atrazine	10.97	200	137379	44.728	ng		98
69) Pentachlorophenol	11.07	266	124206	59.176	ng		97
70) Phenanthrene	11.29	178	887006	48.943	ng		99
71) Anthracene	11.34	178	802626	43.664	ng		99
72) Carbazole	11.50	167	683348	39.164	ng		97
73) Di-n-butylphthalate	11.83	149	971267	48.326	ng		99
74) Fluoranthene	12.48	202	913316	48.281	ng		100
76) Benzidine	12.60	184	322440	37.204	ng	#	92
77) Pyrene	12.71	202	970300	44.882	ng		99
79) Butylbenzylphthalate	13.33	149	354822	42.807	ng	#	77
80) Benzo(a)anthracene	13.90	228	721954	45.571	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	191914	35.900	ng	#	97
82) Chrysene	13.93	228	731599	46.423	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	447134	48.681	ng	#	100
84) Di-n-octyl phthalate	14.50	149	885869	55.431	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	541386	46.698	ng		94
87) Benzo(b)fluoranthene	14.92	252	825693	55.783	ng		99
88) Benzo(k)fluoranthene	14.95	252	587175m	42.223	ng		
89) Benzo(a)pyrene	15.27	252	682202	52.061	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	423753m	39.722	ng		
91) Benzo(g,h,i)perylene	17.13	276	450259	40.450	ng	#	93

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

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