Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097971.D
Acq On : 22 Aug 2017 23:27
Operator : SJ/JU
Sample : I4872-16MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMSD

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:51 PM

Quant Time: Aug 23 12:27:57 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	138182	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	557324	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	244135	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	411491	20.00	ng		0.00
75) Chrysene-d12	13.90	240	266055	20.00	ng		0.00
86) Perylene-d12	15.32	264	252291	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1008134	110.97	ng		0.02
7) Phenol-d6	6.40	99	1375461	111.43	ng		0.01
23) Nitrobenzene-d5	7.32	82	892832	87.03	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	204080	96.34	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1283400	77.24	ng		0.00
78) Terphenyl-d14	12.85	244	854827	67.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	135474	26.740	ng		89
3) Pyridine	3.20	79	356574	25.459	ng		86
4) n-Nitrosodimethylamine	3.13	42	171337	31.793	ng		79
6) Aniline	6.42	93	450722	25.994	ng	#	92
8) 2-Chlorophenol	6.54	128	331050	34.554	ng		97
9) Benzaldehyde	6.30	77	287846	36.817	ng		87
10) Phenol	6.41	94	499345	34.590	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	379145	34.797	ng		96
12) 1,3-Dichlorobenzene	6.69	146	312334	30.308	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	317072	30.252	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	301670	31.215	ng		99
15) Benzyl Alcohol	6.90	79	338639	36.644	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	501116	34.183	ng		90
17) 2-Methylphenol	7.02	107	300842	35.633	ng		95
18) Hexachloroethane	7.26	117	116446	28.338	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	287324	34.004	ng		88
20) 3+4-Methylphenols	7.16	107	353489	34.279	ng	#	87
22) Acetophenone	7.16	105	498692	33.871	ng	#	91
24) Nitrobenzene	7.34	77	436962	38.253	ng		95
25) Isophorone	7.57	82	796903	37.356	ng		96
26) 2-Nitrophenol	7.65	139	122099	31.530	ng	#	78
27) 2,4-Dimethylphenol	7.69	122	298382	33.538	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	516129	36.801	ng		98
29) 2,4-Dichlorophenol	7.89	162	255043	34.534	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	272352	33.266	ng		99
31) Naphthalene	8.06	128	967106	33.425	ng		100
32) Benzoic acid	7.75	122	4525m	7.009	ng		
33) 4-Chloroaniline	8.10	127	339538	27.826	ng		98
34) Hexachlorobutadiene	8.17	225	151088	31.608	ng		97
35) Caprolactam	8.47	113	77556m	30.890	ng		
36) 4-Chloro-3-methylphenol	8.59	107	307291	32.385	ng	#	79
37) 2-Methylnaphthalene	8.75	142	643980	36.303	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	264052	35.243	ng		98
40) Hexachlorocyclopentadiene	8.90	237	110013	30.564	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	162568	32.318	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	156491	31.359	ng		96
45) 1,1'-Biphenyl	9.21	154	760843	34.176	ng		96
46) 2-Chloronaphthalene	9.23	162	557664	33.902	ng	#	91
47) 2-Nitroaniline	9.33	65	229730	41.659	ng		96
48) Acenaphthylene	9.65	152	884912	34.257	ng		100
49) Dimethylphthalate	9.52	163	933553	52.313	ng		100
50) 2,6-Dinitrotoluene	9.57	165	139820	39.252	ng	#	52
51) Acenaphthene	9.82	154	531597	32.630	ng		99
52) 3-Nitroaniline	9.75	138	164658	35.828	ng		88
53) 2,4-Dinitrophenol	9.85	184	5598	13.027	ng	#	78
54) Dibenzofuran	9.99	168	796201	36.465	ng		99
55) 4-Nitrophenol	9.91	139	147926	40.349	ng	#	51
56) 2,4-Dinitrotoluene	9.97	165	172913	38.680	ng	#	47
57) Fluorene	10.33	166	570949	33.822	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	110956	28.718	ng		97
59) Diethylphthalate	10.22	149	722580	38.720	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	278989	35.574	ng		91
61) 4-Nitroaniline	10.36	138	153642	35.174	ng	#	72
62) Azobenzene	10.49	77	816915	36.852	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	9031	12.171	ng		91
65) n-Nitrosodiphenylamine	10.45	169	546620	39.009	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	169746	39.725	ng		98
67) Hexachlorobenzene	10.88	284	157753	36.220	ng	#	87
68) Atrazine	10.97	200	150232	40.427	ng		97
69) Pentachlorophenol	11.07	266	89196	35.124	ng		99
70) Phenanthrene	11.29	178	789097	35.987	ng		100
71) Anthracene	11.35	178	785359	35.313	ng		99
72) Carbazole	11.50	167	708775	33.574	ng		98
73) Di-n-butylphthalate	11.83	149	1025288	42.165	ng		99
74) Fluoranthene	12.48	202	729982	31.895	ng		97
76) Benzidine	12.60	184	106642	12.225	ng		93
77) Pyrene	12.70	202	733882	33.726	ng		99
79) Butylbenzylphthalate	13.33	149	354423	42.482	ng	#	68
80) Benzo(a)anthracene	13.89	228	545240	34.193	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	173480	32.241	ng	#	95
82) Chrysene	13.93	228	550590	34.710	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	449458	48.617	ng	#	100
84) Di-n-octyl phthalate	14.50	149	818366	50.875	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	484369	41.509	ng		93
87) Benzo(b)fluoranthene	14.92	252	586113	36.856	ng		100
88) Benzo(k)fluoranthene	14.94	252	510253	34.152	ng	#	94
89) Benzo(a)pyrene	15.27	252	526789	37.419	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	405963	35.420	ng		97
91) Benzo(g,h,i)perylene	17.12	276	383046	32.030	ng	#	92

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

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