Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098257.D
Acq On : 2 Sep 2017 20:32
Operator : SJ/JU
Sample : I5066-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1MSD

Manual Integrations APPROVED
mohammad
9/5/2017 4:55:15 PM

Quant Time: Sep 04 08:13:20 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	6.71	152	103273	20.00	ng		-0.04
21) Naphthalene-d8	7.99	136	382381	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	147724	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	242776	20.00	ng		-0.04
75) Chrysene-d12	13.87	240	230054	20.00	ng		-0.03
86) Perylene-d12	15.28	264	219305	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	798848	117.66	ng		-0.02
7) Phenol-d6	6.36	99	1070931	116.09	ng		-0.02
23) Nitrobenzene-d5	7.28	82	649163	92.23	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	154301	120.38	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	858273	85.36	ng		-0.04
78) Terphenyl-d14	12.82	244	619506	56.16	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	117730	31.093	ng		90
3) Pyridine	3.10	79	341999	32.672	ng	#	85
4) n-Nitrosodimethylamine	3.05	42	131795	32.722	ng	#	71
6) Aniline	6.37	93	341941	26.386	ng	#	13
8) 2-Chlorophenol	6.50	128	277897	38.811	ng		95
9) Benzaldehyde	6.26	77	93769	16.048	ng		90
10) Phenol	6.37	94	393354	36.459	ng		89
11) bis(2-Chloroethyl)ether	6.45	93	319185	39.197	ng		97
12) 1,3-Dichlorobenzene	6.65	146	266720	34.631	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	275161	35.128	ng	#	93
14) 1,2-Dichlorobenzene	6.88	146	255342	35.353	ng		99
15) Benzyl Alcohol	6.86	79	258906	37.487	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	385856	35.217	ng		85
17) 2-Methylphenol	6.98	107	244188	38.699	ng		94
18) Hexachloroethane	7.22	117	102928	33.515	ng	#	81
19) n-Nitroso-di-n-propylamine	7.13	70	216887	34.345	ng		89
20) 3+4-Methylphenols	7.13	107	300187	38.951	ng	#	81
22) Acetophenone	7.13	105	399773	39.575	ng	#	87
24) Nitrobenzene	7.30	77	335836	42.851	ng		93
25) Isophorone	7.54	82	581248	39.713	ng		98
26) 2-Nitrophenol	7.62	139	136540	48.078	ng	#	84
27) 2,4-Dimethylphenol	7.66	122	242949	39.801	ng		93
28) bis(2-Chloroethoxy)methane	7.75	93	386306	40.147	ng		98
29) 2,4-Dichlorophenol	7.86	162	206132	40.681	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	207187	36.885	ng		99
31) Naphthalene	8.02	128	754390	38.002	ng		100
32) Benzoic acid	7.73	122	9979	8.349	ng		95
33) 4-Chloroaniline	8.07	127	217306	25.956	ng		99
34) Hexachlorobutadiene	8.13	225	115969	35.360	ng		98
35) Caprolactam	8.43	113	65439m	37.989	ng		
36) 4-Chloro-3-methylphenol	8.56	107	227151	34.892	ng	#	82
37) 2-Methylnaphthalene	8.71	142	455837	37.454	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	181873	40.117	ng		99
40) Hexachlorocyclopentadiene	8.86	237	64649	29.683	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	123851	40.690	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	128109	42.426	ng		95
45) 1,1'-Biphenyl	9.17	154	517217	38.395	ng		94
46) 2-Chloronaphthalene	9.20	162	371662	37.340	ng		94
47) 2-Nitroaniline	9.30	65	140377	42.069	ng		93
48) Acenaphthylene	9.61	152	608011	38.899	ng		100
49) Dimethylphthalate	9.47	163	541901	50.184	ng		99
50) 2,6-Dinitrotoluene	9.54	165	94130	43.671	ng	#	72
51) Acenaphthene	9.78	154	350123	35.517	ng		98
52) 3-Nitroaniline	9.70	138	88447	31.805	ng		84
53) 2,4-Dinitrophenol	9.82	184	14907	22.838	ng	#	75
54) Dibenzofuran	9.95	168	521295	39.457	ng		99
55) 4-Nitrophenol	9.88	139	127393	57.426	ng	#	42
56) 2,4-Dinitrotoluene	9.95	165	111301	41.147	ng	#	59
57) Fluorene	10.29	166	391423	38.320	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	90466	38.696	ng		93
59) Diethylphthalate	10.17	149	436486	38.654	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	178610	37.638	ng		89
61) 4-Nitroaniline	10.32	138	93820	35.497	ng		75
62) Azobenzene	10.45	77	472066	35.194	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	22557	24.620	ng		83
65) n-Nitrosodiphenylamine	10.41	169	335118	40.536	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	100126	39.716	ng		98
67) Hexachlorobenzene	10.85	284	96304	37.478	ng		96
68) Atrazine	10.94	200	98794	45.061	ng		98
69) Pentachlorophenol	11.04	266	87700	58.535	ng		97
70) Phenanthrene	11.26	178	775720	59.962	ng		99
71) Anthracene	11.30	178	566839	43.200	ng		100
72) Carbazole	11.46	167	531227	42.651	ng		98
73) Di-n-butylphthalate	11.80	149	600034	41.825	ng		99
74) Fluoranthene	12.45	202	917205	67.926	ng		99
76) Benzidine	12.57	184	316507	41.961	ng	#	91
77) Pyrene	12.67	202	872272	46.359	ng		98
79) Butylbenzylphthalate	13.29	149	269647	37.378	ng	#	77
80) Benzo(a)anthracene	13.86	228	683608	49.580	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	177694	38.192	ng	#	96
82) Chrysene	13.90	228	643095	46.887	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	368822	46.138	ng	#	99
84) Di-n-octyl phthalate	14.46	149	710684	51.095	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	463435	45.930	ng		95
87) Benzo(b)fluoranthene	14.88	252	772368	55.874	ng		99
88) Benzo(k)fluoranthene	14.91	252	486268m	37.442	ng		
89) Benzo(a)pyrene	15.23	252	611622	49.979	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	350361	35.167	ng		96
91) Benzo(g,h,i)perylene	17.07	276	364665	35.079	ng	#	92

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

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