Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098138.D
Acq On : 30 Aug 2017 5:15
Operator : SJ/JU
Sample : I4986-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MSD

Manual Integrations APPROVED
Sohil
8/30/2017 6:45:17 PM

Quant Time: Aug 30 08:05:03 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	6.73	152	124676	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	479561	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	200569	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	322739	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	250090	20.00	ng		0.00
86) Perylene-d12	15.30	264	205039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	817895	99.78	ng		0.00
7) Phenol-d6	6.38	99	1114582	100.08	ng		0.00
23) Nitrobenzene-d5	7.30	82	759362	86.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	198271	113.93	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1127453	82.59	ng		-0.01
78) Terphenyl-d14	12.84	244	785508	65.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	119937	26.238	ng	#	76
3) Pyridine	3.20	79	246345	19.494	ng		86
4) n-Nitrosodimethylamine	3.15	42	138258	28.434	ng	#	74
6) Aniline	6.40	93	245949	15.721	ng	#	78
8) 2-Chlorophenol	6.52	128	302467	34.991	ng		95
9) Benzaldehyde	6.28	77	89225	12.649	ng		85
10) Phenol	6.39	94	392659	30.146	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	343997	34.992	ng		97
12) 1,3-Dichlorobenzene	6.67	146	271480	29.197	ng	#	93
13) 1,4-Dichlorobenzene	6.75	146	279939	29.603	ng	#	93
14) 1,2-Dichlorobenzene	6.90	146	262661	30.123	ng		98
15) Benzyl Alcohol	6.88	79	301744	36.189	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	442797	33.477	ng		89
17) 2-Methylphenol	7.00	107	277810	36.469	ng		96
18) Hexachloroethane	7.25	117	103479	27.910	ng	#	80
19) n-Nitroso-di-n-propylamine	7.16	70	259184	33.997	ng		90
20) 3+4-Methylphenols	7.15	107	332235	35.708	ng		92
22) Acetophenone	7.15	105	451921	35.672	ng	#	90
24) Nitrobenzene	7.32	77	386572	39.329	ng		93
25) Isophorone	7.56	82	707723	38.555	ng		97
26) 2-Nitrophenol	7.64	139	149378	42.611	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	289171	37.773	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	460618	38.169	ng		98
29) 2,4-Dichlorophenol	7.88	162	243222	38.274	ng		91
30) 1,2,4-Trichlorobenzene	7.96	180	238513	33.857	ng		100
31) Naphthalene	8.05	128	862414	34.640	ng		99
32) Benzoic acid	7.80	122	147032	29.248	ng		89
33) 4-Chloroaniline	8.09	127	127613	12.154	ng		98
34) Hexachlorobutadiene	8.16	225	137466	33.421	ng		98
35) Caprolactam	8.46	113	77335m	35.797	ng		
36) 4-Chloro-3-methylphenol	8.58	107	290292	35.555	ng	#	79
37) 2-Methylnaphthalene	8.73	142	573662	37.583	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	231806	37.659	ng		99
40) Hexachlorocyclopentadiene	8.88	237	94726	32.033	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	157060	38.005	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	161327	39.350	ng		96
45) 1,1'-Biphenyl	9.20	154	676289	36.976	ng		97
46) 2-Chloronaphthalene	9.22	162	486018	35.964	ng	#	92
47) 2-Nitroaniline	9.32	65	189060	41.731	ng		98
48) Acenaphthylene	9.63	152	777375	36.631	ng		99
49) Dimethylphthalate	9.50	163	616240	42.033	ng		98
50) 2,6-Dinitrotoluene	9.56	165	122442	41.839	ng	#	63
51) Acenaphthene	9.80	154	456279	34.090	ng		98
52) 3-Nitroaniline	9.73	138	110840	29.356	ng		83
53) 2,4-Dinitrophenol	9.84	184	41077	35.909	ng	#	78
54) Dibenzofuran	9.98	168	689117	38.416	ng		98
55) 4-Nitrophenol	9.90	139	161438	53.599	ng	#	42
56) 2,4-Dinitrotoluene	9.97	165	151171	41.162	ng	#	66
57) Fluorene	10.32	166	494230	35.636	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122169	38.488	ng		93
59) Diethylphthalate	10.20	149	615912	40.173	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	245688	38.133	ng	#	84
61) 4-Nitroaniline	10.35	138	125658	35.016	ng		80
62) Azobenzene	10.47	77	683445	37.528	ng		93
64) 4,6-Dinitro-2-methylphenol	10.37	198	30067	24.664	ng	#	78
65) n-Nitrosodiphenylamine	10.43	169	468423	42.622	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	142528	42.527	ng		92
67) Hexachlorobenzene	10.87	284	130789	38.287	ng	#	88
68) Atrazine	10.96	200	106576	36.566	ng		98
69) Pentachlorophenol	11.06	266	128598	64.566	ng		97
70) Phenanthrene	11.28	178	654984	38.085	ng		99
71) Anthracene	11.33	178	666631	38.217	ng		99
72) Carbazole	11.49	167	598643	36.156	ng		99
73) Di-n-butylphthalate	11.82	149	875444	45.903	ng		99
74) Fluoranthene	12.46	202	635623	35.410	ng		98
76) Benzidine	12.59	184	94881m	11.571	ng		
77) Pyrene	12.69	202	661595	32.345	ng		98
79) Butylbenzylphthalate	13.32	149	320192	40.829	ng	#	73
80) Benzo(a)anthracene	13.88	228	535643	35.736	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	181192	35.824	ng	#	96
82) Chrysene	13.92	228	549332	36.842	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	449089	51.678	ng		99
84) Di-n-octyl phthalate	14.49	149	804846	53.229	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	400736	36.534	ng		93
87) Benzo(b)fluoranthene	14.90	252	489674	37.888	ng		97
88) Benzo(k)fluoranthene	14.93	252	489050	40.276	ng	#	94
89) Benzo(a)pyrene	15.25	252	452079	39.512	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	334434	35.904	ng		97
91) Benzo(g,h,i)perylene	17.10	276	322583	33.190	ng	#	91

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

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