Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098002.D
Acq On : 24 Aug 2017 15:22
Operator : SJ/JU
Sample : PB101787BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101787BS

Manual Integrations APPROVED
Sohil
8/25/2017 5:39:57 PM

Quant Time: Aug 25 01:17:43 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	6.74	152	112233	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	446319	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	195201	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	371370	20.00	ng		0.00
75) Chrysene-d12	13.89	240	234806	20.00	ng		0.00
86) Perylene-d12	15.30	264	194812	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	962403	130.43	ng		0.00
7) Phenol-d6	6.39	99	1289223	128.60	ng		0.00
23) Nitrobenzene-d5	7.31	82	806023	98.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	242727	143.31	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1184830	89.18	ng		0.00
78) Terphenyl-d14	12.84	244	958783	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	155790	37.859	ng		91
3) Pyridine	3.20	79	461014	40.526	ng	#	85
4) n-Nitrosodimethylamine	3.16	42	178635	40.811	ng		83
6) Aniline	6.40	93	455753	32.361	ng		98
8) 2-Chlorophenol	6.53	128	343215	44.107	ng		97
9) Benzaldehyde	6.29	77	188920	29.751	ng		89
10) Phenol	6.40	94	491052	41.880	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	385047	43.510	ng		97
12) 1,3-Dichlorobenzene	6.68	146	343403	41.027	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	349215	41.022	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	322865	41.133	ng		99
15) Benzyl Alcohol	6.89	79	336394	44.818	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	503733	42.306	ng		89
17) 2-Methylphenol	7.00	107	310440	45.271	ng		95
18) Hexachloroethane	7.25	117	144754	43.372	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	278028	40.512	ng		89
20) 3+4-Methylphenols	7.16	107	360823	43.081	ng		96
22) Acetophenone	7.15	105	493097	41.821	ng	#	93
24) Nitrobenzene	7.33	77	436071	47.670	ng		94
25) Isophorone	7.57	82	779494	45.628	ng		97
26) 2-Nitrophenol	7.64	139	175341	52.369	ng	#	75
27) 2,4-Dimethylphenol	7.69	122	315925	44.342	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	491036	43.720	ng		99
29) 2,4-Dichlorophenol	7.89	162	273589	46.259	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	281632	42.956	ng		99
31) Naphthalene	8.05	128	982106	42.386	ng		100
32) Benzoic acid	7.81	122	190596	38.221	ng		84
33) 4-Chloroaniline	8.10	127	267973	27.423	ng		97
34) Hexachlorobutadiene	8.16	225	161072	42.077	ng		97
35) Caprolactam	8.47	113	91325m	45.421	ng		
36) 4-Chloro-3-methylphenol	8.58	107	329930	43.419	ng	#	79
37) 2-Methylnaphthalene	8.74	142	643838	45.322	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	252045	42.073	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	322084	111.914	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	188555	46.881	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	191193	47.917	ng		97
45) 1,1'-Biphenyl	9.20	154	744719	41.837	ng		96
46) 2-Chloronaphthalene	9.23	162	552900	42.038	ng		94
47) 2-Nitroaniline	9.32	65	218032	49.449	ng		94
48) Acenaphthylene	9.64	152	900662	43.607	ng		99
49) Dimethylphthalate	9.50	163	645438	45.235	ng		100
50) 2,6-Dinitrotoluene	9.56	165	139411	48.948	ng	#	49
51) Acenaphthene	9.81	154	534134	41.005	ng		99
52) 3-Nitroaniline	9.73	138	125501	34.153	ng		89
53) 2,4-Dinitrophenol	9.84	184	82846	63.539	ng	#	79
54) Dibenzofuran	9.98	168	798476	45.737	ng		99
55) 4-Nitrophenol	9.90	139	251795	85.898	ng	#	48
56) 2,4-Dinitrotoluene	9.97	165	182931	51.179	ng	#	54
57) Fluorene	10.33	166	583468	43.228	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	158156	51.196	ng		95
59) Diethylphthalate	10.20	149	703650	47.157	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	277445	44.246	ng		90
61) 4-Nitroaniline	10.35	138	157587	45.121	ng	#	69
62) Azobenzene	10.48	77	820229	46.277	ng		94
64) 4,6-Dinitro-2-methylphenol	10.37	198	68727	40.785	ng		85
65) n-Nitrosodiphenylamine	10.44	169	546340	43.202	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	173285	44.934	ng		98
67) Hexachlorobenzene	10.87	284	169565	43.138	ng	#	85
68) Atrazine	10.97	200	160772	47.937	ng		97
69) Pentachlorophenol	11.06	266	179700	78.409	ng		99
70) Phenanthrene	11.29	178	854197	43.165	ng		99
71) Anthracene	11.33	178	891365	44.409	ng		99
72) Carbazole	11.49	167	808943	42.459	ng		98
73) Di-n-butylphthalate	11.83	149	1048031	47.756	ng		100
74) Fluoranthene	12.47	202	868780	42.061	ng		98
76) Benzidine	12.59	184	393466	51.108	ng	#	91
77) Pyrene	12.69	202	893117	46.506	ng		99
79) Butylbenzylphthalate	13.32	149	390320	53.011	ng	#	69
80) Benzo(a)anthracene	13.88	228	590156	41.936	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	161239	33.954	ng	#	94
82) Chrysene	13.92	228	589911	42.139	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	464987	56.990	ng	#	99
84) Di-n-octyl phthalate	14.49	149	791295	55.739	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	580099	56.329	ng		93
87) Benzo(b)fluoranthene	14.90	252	531958	43.320	ng		97
88) Benzo(k)fluoranthene	14.93	252	478846	41.506	ng	#	94
89) Benzo(a)pyrene	15.24	252	498138	45.823	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	473257	53.475	ng		98
91) Benzo(g,h,i)perylene	17.10	276	499878	54.132	ng		93

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

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