Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097030.D
Acq On : 25 Jul 2017 15:49
Operator : SJ/JU
Sample : PB100892BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Manual Integrations APPROVED
Sohil
7/26/2017 5:54:24 PM

Quant Time: Jul 25 17:06:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	146609	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	589848	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	262467	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	451397	20.00	ng		0.00
75) Chrysene-d12	13.63	240	240071	20.00	ng		0.00
86) Perylene-d12	14.97	264	202222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	781018	80.31	ng		0.02
7) Phenol-d6	6.17	99	938024	84.49	ng		0.00
23) Nitrobenzene-d5	7.07	82	732784	72.88	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	161394	77.83	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1267878	81.98	ng		0.00
78) Terphenyl-d14	12.59	244	921077	78.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	150886	37.178	ng	#	74
3) Pyridine	2.75	79	441396	35.518	ng	#	64
4) n-Nitrosodimethylamine	2.71	42	256087	37.196	ng		86
6) Aniline	6.16	93	176671	12.645	ng	#	43
8) 2-Chlorophenol	6.29	128	423487	40.723	ng		96
9) Benzaldehyde	6.04	77	141662	21.556	ng		97
10) Phenol	6.18	94	516278	39.203	ng		94
11) bis(2-Chloroethyl)ether	6.25	93	426036	40.903	ng		90
12) 1,3-Dichlorobenzene	6.44	146	421467	37.608	ng		99
13) 1,4-Dichlorobenzene	6.52	146	412709	37.160	ng		94
14) 1,2-Dichlorobenzene	6.67	146	343773	35.451	ng		98
15) Benzyl Alcohol	6.66	79	273970	38.975	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.79	45	731222	35.001	ng		75
17) 2-Methylphenol	6.79	107	287106	35.772	ng	#	89
18) Hexachloroethane	7.01	117	145925	35.914	ng	#	84
19) n-Nitroso-di-n-propylamine	6.93	70	267051	36.542	ng	#	85
20) 3+4-Methylphenols	6.95	107	406929	38.820	ng	#	63
22) Acetophenone	6.92	105	509607	35.976	ng		98
24) Nitrobenzene	7.09	77	377017	36.003	ng		95
25) Isophorone	7.33	82	706420	35.876	ng		97
26) 2-Nitrophenol	7.40	139	215541	38.045	ng	#	85
27) 2,4-Dimethylphenol	7.46	122	349323	37.378	ng		96
28) bis(2-Chloroethoxy)methane	7.55	93	485798	37.806	ng		99
29) 2,4-Dichlorophenol	7.66	162	314044	39.007	ng		97
30) 1,2,4-Trichlorobenzene	7.73	180	294628	38.393	ng		97
31) Naphthalene	7.80	128	1069852	38.477	ng		100
32) Benzoic acid	7.63	122	222441	31.875	ng		94
33) 4-Chloroaniline	7.86	127	76309	6.745	ng		96
34) Hexachlorobutadiene	7.93	225	153067	37.624	ng		96
35) Caprolactam	8.25	113	104722m	40.564	ng		
36) 4-Chloro-3-methylphenol	8.37	107	332437	37.848	ng		90
37) 2-Methylnaphthalene	8.50	142	726402	41.262	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	247687	35.367	ng		99
40) Hexachlorocyclopentadiene	8.65	237	207728	84.426	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	188673	37.176	ng		98
43) 2,4,5-Trichlorophenol	8.83	196	189525	37.310	ng		98
45) 1,1'-Biphenyl	8.96	154	791892	35.323	ng		97
46) 2-Chloronaphthalene	8.98	162	613127	37.165	ng		94
47) 2-Nitroaniline	9.09	65	224857	37.557	ng		95
48) Acenaphthylene	9.39	152	952270	37.606	ng		99
49) Dimethylphthalate	9.27	163	761841	38.223	ng		99
50) 2,6-Dinitrotoluene	9.33	165	166111	39.295	ng	#	85
51) Acenaphthene	9.56	154	561625	37.653	ng		97
52) 3-Nitroaniline	9.49	138	61970	11.810	ng		95
53) 2,4-Dinitrophenol	9.61	184	103023	53.600	ng	#	73
54) Dibenzofuran	9.74	168	802379	40.387	ng		99
55) 4-Nitrophenol	9.69	139	198768	63.700	ng	#	56
56) 2,4-Dinitrotoluene	9.74	165	187512	38.586	ng	#	64
57) Fluorene	10.08	166	608388	40.743	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145802	41.570	ng		99
59) Diethylphthalate	9.97	149	724122	39.601	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	257808	41.810	ng		96
61) 4-Nitroaniline	10.11	138	171189	34.336	ng		90
62) Azobenzene	10.23	77	764647	45.076	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	86591	30.871	ng		89
65) n-Nitrosodiphenylamine	10.20	169	601041	38.268	ng		97
66) 4-Bromophenyl-phenylether	10.56	248	184030	40.852	ng		96
67) Hexachlorobenzene	10.63	284	185495	36.720	ng	#	92
68) Atrazine	10.73	200	174905	38.836	ng		94
69) Pentachlorophenol	10.83	266	145600	69.660	ng		99
70) Phenanthrene	11.03	178	917297	37.927	ng		100
71) Anthracene	11.08	178	944176	38.115	ng		99
72) Carbazole	11.24	167	857824	35.211	ng		99
73) Di-n-butylphthalate	11.58	149	1192141	39.587	ng		100
74) Fluoranthene	12.21	202	857376	36.185	ng		98
76) Benzidine	12.33	184	211655	23.761	ng	#	92
77) Pyrene	12.43	202	861708	43.844	ng		99
79) Butylbenzylphthalate	13.07	149	456200	45.632	ng	#	82
80) Benzo(a)anthracene	13.62	228	600857	38.681	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	115475	19.713	ng	#	94
82) Chrysene	13.65	228	586766	38.684	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	564064	43.213	ng		99
84) Di-n-octyl phthalate	14.24	149	926960	38.697	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	470943	36.209	ng		97
87) Benzo(b)fluoranthene	14.62	252	492671	40.529	ng		98
88) Benzo(k)fluoranthene	14.64	252	426347	36.806	ng	#	94
89) Benzo(a)pyrene	14.92	252	442013	39.730	ng		97
90) Dibenzo(a,h)anthracene	16.21	278	390573	42.810	ng	#	95
91) Benzo(g,h,i)perylene	16.56	276	428207	44.757	ng		97

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

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