Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098201.D
Acq On : 31 Aug 2017 18:20
Operator : SJ/JU
Sample : PB101939BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101939BS

Manual Integrations APPROVED
Sohil
9/1/2017 5:29:10 PM

Quant Time: Sep 01 02:48:11 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	6.72	152	117158	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	474076	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	224885	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	441969	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	323857	20.00	ng		-0.02
86) Perylene-d12	15.28	264	244762	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	902831	117.22	ng		-0.01
7) Phenol-d6	6.36	99	1233407	117.86	ng		-0.02
23) Nitrobenzene-d5	7.29	82	766678	87.85	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	264306	135.46	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	1203753	78.64	ng		-0.03
78) Terphenyl-d14	12.82	244	1105566	71.19	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	139477	32.470	ng		88
3) Pyridine	3.16	79	392308	33.037	ng	#	84
4) n-Nitrosodimethylamine	3.12	42	149013	32.612	ng	#	76
6) Aniline	6.38	93	367344	24.987	ng	#	50
8) 2-Chlorophenol	6.50	128	320601	39.469	ng		95
9) Benzaldehyde	6.26	77	118864	17.932	ng		87
10) Phenol	6.37	94	448711	36.661	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	348090	37.680	ng		94
12) 1,3-Dichlorobenzene	6.66	146	316615	36.237	ng	#	93
13) 1,4-Dichlorobenzene	6.73	146	322775m	36.323	ng		
14) 1,2-Dichlorobenzene	6.89	146	300308	36.651	ng		97
15) Benzyl Alcohol	6.86	79	308007	39.311	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	457488	36.807	ng		89
17) 2-Methylphenol	6.98	107	290163	40.535	ng		96
18) Hexachloroethane	7.23	117	130918	37.577	ng	#	79
19) n-Nitroso-di-n-propylamine	7.14	70	261117	36.448	ng		89
20) 3+4-Methylphenols	7.13	107	351727	40.229	ng		94
22) Acetophenone	7.13	105	465912	37.202	ng	#	89
24) Nitrobenzene	7.30	77	399809	41.147	ng		92
25) Isophorone	7.55	82	734904	40.499	ng		96
26) 2-Nitrophenol	7.62	139	167787	47.700	ng	#	85
27) 2,4-Dimethylphenol	7.66	122	302685	39.996	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	468203	39.246	ng		97
29) 2,4-Dichlorophenol	7.86	162	260092	41.402	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	260899	37.464	ng		99
31) Naphthalene	8.03	128	927753	37.696	ng		99
32) Benzoic acid	7.80	122	198886	37.661	ng		96
33) 4-Chloroaniline	8.07	127	177510	17.102	ng		99
34) Hexachlorobutadiene	8.14	225	151099	37.161	ng		98
35) Caprolactam	8.45	113	95048m	44.505	ng		
36) 4-Chloro-3-methylphenol	8.57	107	324277	40.177	ng	#	81
37) 2-Methylnaphthalene	8.72	142	622692	41.267	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	246951	35.781	ng	#	98
40) Hexachlorocyclopentadiene	8.87	237	270110	81.466	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	178239	38.467	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	188434	40.992	ng		97
45) 1,1'-Biphenyl	9.18	154	734942	35.838	ng		95
46) 2-Chloronaphthalene	9.20	162	541432	35.732	ng	#	93
47) 2-Nitroaniline	9.30	65	210079	41.356	ng		96
48) Acenaphthylene	9.62	152	891055	37.448	ng		98
49) Dimethylphthalate	9.49	163	674201	41.014	ng		100
50) 2,6-Dinitrotoluene	9.55	165	143331	43.682	ng	#	78
51) Acenaphthene	9.79	154	528118	35.191	ng		100
52) 3-Nitroaniline	9.71	138	106741	25.214	ng		85
53) 2,4-Dinitrophenol	9.83	184	138873	87.835	ng	#	75
54) Dibenzofuran	9.96	168	795726	39.563	ng		100
55) 4-Nitrophenol	9.89	139	247971	73.427	ng	#	42
56) 2,4-Dinitrotoluene	9.95	165	189379	45.990	ng	#	50
57) Fluorene	10.30	166	597279	38.410	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	157919	44.371	ng		92
59) Diethylphthalate	10.19	149	689625	40.117	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	286779	39.697	ng	#	86
61) 4-Nitroaniline	10.33	138	164096	40.783	ng		79
62) Azobenzene	10.46	77	819002	40.109	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	95770	46.333	ng	#	78
65) n-Nitrosodiphenylamine	10.42	169	558113	37.083	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	179485	39.107	ng		94
67) Hexachlorobenzene	10.85	284	173139	37.012	ng	#	88
68) Atrazine	10.95	200	176314	44.174	ng		98
69) Pentachlorophenol	11.05	266	186111	68.234	ng		99
70) Phenanthrene	11.26	178	888933	37.745	ng		100
71) Anthracene	11.32	178	926084	38.769	ng		99
72) Carbazole	11.47	167	865153	38.156	ng		98
73) Di-n-butylphthalate	11.80	149	1127476	43.169	ng		99
74) Fluoranthene	12.45	202	944877	38.438	ng		99
76) Benzidine	12.57	184	388535m	36.590	ng		
77) Pyrene	12.67	202	979988	36.998	ng		98
79) Butylbenzylphthalate	13.30	149	466525	45.938	ng	#	74
80) Benzo(a)anthracene	13.86	228	703128	36.225	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	141581	21.616	ng	#	96
82) Chrysene	13.90	228	700104	36.259	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	583111	51.816	ng	#	100
84) Di-n-octyl phthalate	14.47	149	1024954	52.346	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	539269	37.966	ng		96
87) Benzo(b)fluoranthene	14.89	252	626377	40.600	ng		98
88) Benzo(k)fluoranthene	14.91	252	546171	37.681	ng	#	95
89) Benzo(a)pyrene	15.23	252	546087	39.983	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	459279	41.305	ng		98
91) Benzo(g,h,i)perylene	17.07	276	459081	39.569	ng		94

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

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