Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097507.D
Acq On : 9 Aug 2017 9:55
Operator : SJ/JU
Sample : I4592-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Manual Integrations APPROVED
Sohil
8/9/2017 7:17:00 PM

Quant Time: Aug 09 17:19:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	94583	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	375544	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	130386	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	209366	20.00	ng		0.00
75) Chrysene-d12	13.53	240	125457	20.00	ng		0.00
86) Perylene-d12	14.87	264	107613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	878992	140.10	ng		0.02
7) Phenol-d6	6.09	99	953567	133.13	ng		0.00
23) Nitrobenzene-d5	6.99	82	597837	93.39	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	151288	146.86	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	860371	111.99	ng		0.00
78) Terphenyl-d14	12.49	244	601513	97.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	122301	46.710	ng	#	65
3) Pyridine	2.65	79	321067m	40.046	ng		
4) n-Nitrosodimethylamine	2.59	42	217157	48.891	ng		80
6) Aniline	6.08	93	146854	16.293	ng	#	80
8) 2-Chlorophenol	6.20	128	299245	44.604	ng		92
9) Benzaldehyde	5.96	77	108273	25.538	ng		98
10) Phenol	6.10	94	341951	40.248	ng		98
11) bis(2-Chloroethyl)ether	6.16	93	319592	47.561	ng		88
12) 1,3-Dichlorobenzene	6.35	146	311152	43.037	ng		97
13) 1,4-Dichlorobenzene	6.43	146	316155	44.125	ng		97
14) 1,2-Dichlorobenzene	6.58	146	272305	43.527	ng		96
15) Benzyl Alcohol	6.58	79	248688	54.838	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	621729	46.130	ng		98
17) 2-Methylphenol	6.71	107	235970	45.573	ng	#	90
18) Hexachloroethane	6.91	117	94979	36.234	ng	#	78
19) n-Nitroso-di-n-propylamine	6.85	70	206062	43.706	ng	#	83
20) 3+4-Methylphenols	6.87	107	309648	45.788	ng	#	62
22) Acetophenone	6.83	105	393880	43.674	ng	#	97
24) Nitrobenzene	7.00	77	304469	45.667	ng		93
25) Isophorone	7.25	82	513697	40.975	ng		96
26) 2-Nitrophenol	7.32	139	142925	39.624	ng	#	88
27) 2,4-Dimethylphenol	7.38	122	245581	41.273	ng		97
28) bis(2-Chloroethoxy)methane	7.46	93	352298	43.062	ng		99
29) 2,4-Dichlorophenol	7.58	162	229407	44.754	ng		97
30) 1,2,4-Trichlorobenzene	7.64	180	205382	42.036	ng		97
31) Naphthalene	7.71	128	814511	46.011	ng		100
32) Benzoic acid	7.57	122	121984	27.455	ng		92
33) 4-Chloroaniline	7.78	127	100742	13.986	ng		95
34) Hexachlorobutadiene	7.83	225	110447	42.640	ng		97
35) Caprolactam	8.17	113	61981	37.709	ng	#	67
36) 4-Chloro-3-methylphenol	8.29	107	245631	43.923	ng		89
37) 2-Methylnaphthalene	8.40	142	535520	47.778	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	186780	53.687	ng		99
40) Hexachlorocyclopentadiene	8.56	237	5210	10.521	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	120106	47.639	ng		98
43) 2,4,5-Trichlorophenol	8.76	196	112468	44.569	ng		97
45) 1,1'-Biphenyl	8.87	154	544543	48.896	ng		99
46) 2-Chloronaphthalene	8.89	162	405782	49.513	ng		94
47) 2-Nitroaniline	9.00	65	156906	52.755	ng		93
48) Acenaphthylene	9.30	152	647185	51.448	ng		99
49) Dimethylphthalate	9.18	163	545355	55.079	ng		99
50) 2,6-Dinitrotoluene	9.25	165	103066	49.079	ng	#	74
51) Acenaphthene	9.47	154	352391	47.558	ng		98
52) 3-Nitroaniline	9.42	138	88935	34.119	ng		88
53) 2,4-Dinitrophenol	9.57	184	8268	8.659	ng	#	76
54) Dibenzofuran	9.64	168	524113	53.104	ng		92
55) 4-Nitrophenol	9.63	139	50942m	32.863	ng		
56) 2,4-Dinitrotoluene	9.66	165	125415	51.951	ng	#	79
57) Fluorene	9.98	166	399606	53.871	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.78	232	96581	55.431	ng		98
59) Diethylphthalate	9.87	149	511279	56.285	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	172423	56.289	ng		99
61) 4-Nitroaniline	10.03	138	127590	51.515	ng		92
62) Azobenzene	10.14	77	485512	57.614	ng		92
64) 4,6-Dinitro-2-methylphenol	10.08	198	8422	6.474	ng	#	62
65) n-Nitrosodiphenylamine	10.10	169	390159	53.559	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	109086	52.209	ng		97
67) Hexachlorobenzene	10.53	284	109211	46.611	ng	#	92
68) Atrazine	10.64	200	101696	48.684	ng		96
69) Pentachlorophenol	10.74	266	71256	73.501	ng		97
70) Phenanthrene	10.93	178	558468	49.784	ng		98
71) Anthracene	10.99	178	570631	49.665	ng		100
72) Carbazole	11.15	167	555511	49.161	ng		100
73) Di-n-butylphthalate	11.49	149	687810	49.243	ng		99
74) Fluoranthene	12.12	202	550574	50.099	ng		98
76) Benzidine	12.25	184	287710	61.806	ng	#	91
77) Pyrene	12.34	202	553936	53.933	ng		99
79) Butylbenzylphthalate	12.97	149	262018	50.152	ng	#	79
80) Benzo(a)anthracene	13.52	228	381283	46.970	ng		100
81) 3,3'-Dichlorobenzidine	13.49	252	149288	48.768	ng	#	96
82) Chrysene	13.56	228	416758	52.577	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	330748	48.487	ng		99
84) Di-n-octyl phthalate	14.14	149	626295	50.031	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.06	276	287601	42.314	ng		97
87) Benzo(b)fluoranthene	14.53	252	317403	49.066	ng		99
88) Benzo(k)fluoranthene	14.54	252	329907	53.519	ng		97
89) Benzo(a)pyrene	14.82	252	305817	51.654	ng		97
90) Dibenzo(a,h)anthracene	16.06	278	244666	50.394	ng	#	94
91) Benzo(g,h,i)perylene	16.42	276	243802	47.885	ng		99

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

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