Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097281.D
Acq On : 2 Aug 2017 18:52
Operator : SJ/JU
Sample : I4534-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11938MS

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:07 PM

Quant Time: Aug 02 23:29:44 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	6.45	152	103309	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	473091	20.00	ng		-0.05
38) Acenaphthene-d10	9.48	164	198567	20.00	ng		-0.05
63) Phenanthrene-d10	10.95	188	378929	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	246724	20.00	ng		-0.05
86) Perylene-d12	14.92	264	209091	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	794967	116.00	ng		-0.04
7) Phenol-d6	6.13	99	836260	106.89	ng		-0.04
23) Nitrobenzene-d5	7.02	82	491214	60.91	ng		-0.05
41) 2,4,6-Tribromophenol	10.27	330	173516	110.60	ng		-0.05
44) 2-Fluorobiphenyl	8.82	172	828553	70.81	ng		-0.05
78) Terphenyl-d14	12.53	244	682977	56.44	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	88385	30.906	ng	#	69
3) Pyridine	2.59	79	276978	31.629	ng	#	64
4) n-Nitrosodimethylamine	2.55	42	155503	32.053	ng	#	78
6) Aniline	6.11	93	333617	33.887	ng		94
8) 2-Chlorophenol	6.24	128	263829	36.004	ng		93
9) Benzaldehyde	5.99	77	150575	32.516	ng		96
10) Phenol	6.13	94	357911	38.568	ng		97
11) bis(2-Chloroethyl)ether	6.20	93	253131	34.488	ng		92
12) 1,3-Dichlorobenzene	6.39	146	263810	33.406	ng		96
13) 1,4-Dichlorobenzene	6.47	146	272879	34.868	ng		97
14) 1,2-Dichlorobenzene	6.62	146	231929	33.941	ng		97
15) Benzyl Alcohol	6.62	79	197634	39.899	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.75	45	565982	38.447	ng		70
17) 2-Methylphenol	6.74	107	221533	39.171	ng	#	91
18) Hexachloroethane	6.96	117	94268	32.925	ng	#	80
19) n-Nitroso-di-n-propylamine	6.88	70	182444	35.428	ng	#	81
20) 3+4-Methylphenols	6.90	107	277600	37.582	ng	#	63
22) Acetophenone	6.87	105	356608	31.388	ng	#	99
24) Nitrobenzene	7.04	77	258021	30.721	ng		96
25) Isophorone	7.29	82	499441	31.624	ng		97
26) 2-Nitrophenol	7.36	139	149382	32.875	ng	#	82
27) 2,4-Dimethylphenol	7.42	122	243540	32.491	ng		97
28) bis(2-Chloroethoxy)methane	7.50	93	324871	31.521	ng		99
29) 2,4-Dichlorophenol	7.61	162	223593	34.626	ng		95
30) 1,2,4-Trichlorobenzene	7.68	180	204684	33.255	ng		96
31) Naphthalene	7.76	128	748928	33.583	ng		99
32) Benzoic acid	7.54	122	29455	5.262	ng		87
33) 4-Chloroaniline	7.82	127	272750	30.058	ng		99
34) Hexachlorobutadiene	7.88	225	103444	31.702	ng		97
35) Caprolactam	8.19	113	74699m	36.076	ng		
36) 4-Chloro-3-methylphenol	8.32	107	243289	34.534	ng		86
37) 2-Methylnaphthalene	8.45	142	489066	34.637	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	180684	34.102	ng		99
40) Hexachlorocyclopentadiene	8.60	237	90809	51.566	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	121106	31.542	ng		99
43) 2,4,5-Trichlorophenol	8.79	196	136858	35.612	ng		97
45) 1,1'-Biphenyl	8.91	154	560706	33.060	ng		98
46) 2-Chloronaphthalene	8.93	162	428443	34.328	ng		94
47) 2-Nitroaniline	9.04	65	176113	38.881	ng		96
48) Acenaphthylene	9.34	152	628813	32.824	ng		99
49) Dimethylphthalate	9.22	163	666250	44.184	ng		99
50) 2,6-Dinitrotoluene	9.29	165	111590	34.892	ng	#	88
51) Acenaphthene	9.51	154	377074	33.416	ng		97
52) 3-Nitroaniline	9.45	138	123671	31.154	ng		91
53) 2,4-Dinitrophenol	9.57	184	52943	36.409	ng	#	73
54) Dibenzofuran	9.69	168	555224	36.940	ng		99
55) 4-Nitrophenol	9.65	139	130182	55.146	ng	#	62
56) 2,4-Dinitrotoluene	9.69	165	140849	38.311	ng	#	79
57) Fluorene	10.03	166	450163	39.849	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	98890	37.268	ng		99
59) Diethylphthalate	9.92	149	554739	40.100	ng		100
60) 4-Chlorophenyl-phenylether	10.02	204	183842	39.409	ng		94
61) 4-Nitroaniline	10.06	138	154394	40.933	ng		92
62) Azobenzene	10.18	77	566446	44.138	ng		93
64) 4,6-Dinitro-2-methylphenol	10.10	198	77390	32.867	ng		87
65) n-Nitrosodiphenylamine	10.15	169	445313	33.776	ng		98
66) 4-Bromophenyl-phenylether	10.50	248	125057	33.070	ng		93
67) Hexachlorobenzene	10.57	284	128988	30.417	ng	#	89
68) Atrazine	10.68	200	138023	36.508	ng		95
69) Pentachlorophenol	10.77	266	98509	56.143	ng		99
70) Phenanthrene	10.97	178	701506	34.552	ng		99
71) Anthracene	11.03	178	711553	34.218	ng		99
72) Carbazole	11.19	167	728976	35.645	ng		99
73) Di-n-butylphthalate	11.53	149	864508	34.197	ng		99
74) Fluoranthene	12.16	202	661416	33.254	ng		98
76) Benzidine	12.29	184	393104	42.940	ng	#	92
77) Pyrene	12.38	202	704913	34.899	ng		100
79) Butylbenzylphthalate	13.02	149	356821	34.729	ng	#	85
80) Benzo(a)anthracene	13.56	228	533268	33.404	ng		100
81) 3,3'-Dichlorobenzidine	13.53	252	160660	26.687	ng	#	97
82) Chrysene	13.60	228	516360	33.125	ng		100
83) Bis(2-ethylhexyl)phthalate	13.58	149	467372	34.840	ng		99
84) Di-n-octyl phthalate	14.19	149	800557	32.519	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.12	276	371330	27.780	ng		97
87) Benzo(b)fluoranthene	14.56	252	457076	36.366	ng		97
88) Benzo(k)fluoranthene	14.59	252	415416	34.684	ng		96
89) Benzo(a)pyrene	14.86	252	384868	33.457	ng		98
90) Dibenzo(a,h)anthracene	16.13	278	301997	32.014	ng		96
91) Benzo(g,h,i)perylene	16.47	276	337954	34.163	ng		98

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

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