Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097975.D
Acq On : 23 Aug 2017 1:20
Operator : SJ/JU
Sample : I4910-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:54 PM

Quant Time: Aug 23 02:26:57 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	6.75	152	126072	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	494274	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	207585	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	343091	20.00	ng		0.00
75) Chrysene-d12	13.90	240	246408	20.00	ng		0.00
86) Perylene-d12	15.33	264	225571	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	963705	116.27	ng		0.02
7) Phenol-d6	6.39	99	1314509	116.73	ng		0.00
23) Nitrobenzene-d5	7.32	82	835281	91.80	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	191398	106.27	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1160408	82.13	ng		0.00
78) Terphenyl-d14	12.85	244	751994	63.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	150194	32.493	ng		89
3) Pyridine	3.22	79	413486	32.358	ng		86
4) n-Nitrosodimethylamine	3.16	42	169214	34.415	ng	#	78
6) Aniline	6.42	93	381648	24.124	ng		98
8) 2-Chlorophenol	6.54	128	322347	36.878	ng		97
9) Benzaldehyde	6.30	77	215727	30.243	ng		91
10) Phenol	6.41	94	484450	36.782	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	369821	37.202	ng		96
12) 1,3-Dichlorobenzene	6.69	146	329973	35.095	ng	#	94
13) 1,4-Dichlorobenzene	6.77	146	331326	34.649	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	308349	34.971	ng		99
15) Benzyl Alcohol	6.90	79	322447	38.244	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	489665	36.610	ng		90
17) 2-Methylphenol	7.01	107	291072	37.787	ng		95
18) Hexachloroethane	7.26	117	123773	33.014	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	268753	34.862	ng		91
20) 3+4-Methylphenols	7.16	107	338255	35.953	ng	#	89
22) Acetophenone	7.16	105	476929	36.525	ng	#	91
24) Nitrobenzene	7.33	77	414427	40.908	ng		92
25) Isophorone	7.57	82	754204	39.865	ng		97
26) 2-Nitrophenol	7.65	139	116249	33.462	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	298360	37.813	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	476481	38.308	ng		99
29) 2,4-Dichlorophenol	7.89	162	242854	37.079	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	264569	36.438	ng		99
31) Naphthalene	8.06	128	1086683	42.349	ng		100
32) Benzoic acid	7.80	122	85897	19.352	ng		86
33) 4-Chloroaniline	8.10	127	203259	18.782	ng		100
34) Hexachlorobutadiene	8.17	225	155304	36.634	ng		99
35) Caprolactam	8.47	113	79164m	35.553	ng		
36) 4-Chloro-3-methylphenol	8.59	107	284377	33.793	ng	#	78
37) 2-Methylnaphthalene	8.75	142	649467	41.283	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250238	39.279	ng		98
40) Hexachlorocyclopentadiene	8.90	237	78318	25.589	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	152379	35.626	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	144482	34.050	ng		96
45) 1,1'-Biphenyl	9.21	154	724962	38.297	ng		96
46) 2-Chloronaphthalene	9.23	162	516629	36.937	ng	#	91
47) 2-Nitroaniline	9.33	65	208445	44.455	ng		97
48) Acenaphthylene	9.65	152	848659	38.638	ng		100
49) Dimethylphthalate	9.52	163	806949	53.180	ng		100
50) 2,6-Dinitrotoluene	9.57	165	121994	40.277	ng	#	53
51) Acenaphthene	9.82	154	511574	36.930	ng		99
52) 3-Nitroaniline	9.74	138	129402	33.114	ng		81
53) 2,4-Dinitrophenol	9.85	184	7736	14.830	ng	#	79
54) Dibenzofuran	9.99	168	762292	41.060	ng		100
55) 4-Nitrophenol	9.90	139	152817	49.022	ng	#	32
56) 2,4-Dinitrotoluene	9.97	165	150074	39.482	ng	#	48
57) Fluorene	10.33	166	570528	39.747	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	112443	34.227	ng		93
59) Diethylphthalate	10.22	149	656416	41.367	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	255473	38.311	ng		89
61) 4-Nitroaniline	10.35	138	134641	36.251	ng	#	69
62) Azobenzene	10.49	77	738821	39.198	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	7182	11.993	ng		91
65) n-Nitrosodiphenylamine	10.45	169	487941	41.764	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	151752	42.594	ng		98
67) Hexachlorobenzene	10.88	284	140704	38.746	ng	#	86
68) Atrazine	10.97	200	133551	43.103	ng		96
69) Pentachlorophenol	11.07	266	108410	51.202	ng		97
70) Phenanthrene	11.29	178	864151	47.267	ng		99
71) Anthracene	11.35	178	769380	41.491	ng		99
72) Carbazole	11.50	167	642324	36.493	ng		98
73) Di-n-butylphthalate	11.83	149	940934	46.410	ng		99
74) Fluoranthene	12.48	202	840088	44.024	ng		99
76) Benzidine	12.60	184	266028	32.928	ng	#	91
77) Pyrene	12.71	202	867301	43.035	ng		98
79) Butylbenzylphthalate	13.33	149	335972	43.481	ng	#	70
80) Benzo(a)anthracene	13.89	228	639407	43.296	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	160638	32.235	ng	#	96
82) Chrysene	13.93	228	624040	42.478	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	410882	47.988	ng	#	99
84) Di-n-octyl phthalate	14.50	149	802447	53.863	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	477184	44.154	ng		93
87) Benzo(b)fluoranthene	14.92	252	652521	45.893	ng		99
88) Benzo(k)fluoranthene	14.95	252	568809m	42.581	ng		
89) Benzo(a)pyrene	15.27	252	594457	47.227	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	377197m	36.809	ng		
91) Benzo(g,h,i)perylene	17.13	276	387248	36.217	ng		94

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

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