Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096061.D
Acq On : 21 Jun 2017 00:00
Operator : SJ/MA
Sample : I3782-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK4-1-20170619MSD

Manual Integrations APPROVED
mohammad
6/21/2017 2:17:08 PM

Quant Time: Jun 21 02:16:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	73921	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	289664	20.00	ng		0.00
38) Acenaphthene-d10	12.15	164	117712	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	182656	20.00	ng		0.00
75) Chrysene-d12	18.28	240	124986	20.00	ng		0.00
86) Perylene-d12	19.95	264	101036	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	609027	131.28	ng		0.01
7) Phenol-d6	6.89	99	679267	122.31	ng		0.01
23) Nitrobenzene-d5	8.22	82	393258	84.32	ng		0.00
41) 2,4,6-Tribromophenol	13.45	330	110594	106.19	ng		0.00
44) 2-Fluorobiphenyl	11.11	172	614386	72.63	ng		0.00
78) Terphenyl-d14	16.93	244	379160	75.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	78203	35.44	ng		91
3) Pyridine	2.19	79	203254	39.19	ng		96
4) n-Nitrosodimethylamine	2.17	42	87861	44.56	ng		82
6) Aniline	6.79	93	238291	32.80	ng		94
8) 2-Chlorophenol	6.99	128	217076	44.01	ng		96
9) Benzaldehyde	6.59	77	123769	33.04	ng		93
10) Phenol	6.90	94	268386	46.59	ng		91
11) bis(2-Chloroethyl)ether	6.95	93	200446	43.92	ng		97
12) 1,3-Dichlorobenzene	7.19	146	235827	42.24	ng		98
13) 1,4-Dichlorobenzene	7.32	146	239825	42.36	ng		97
14) 1,2-Dichlorobenzene	7.55	146	223556	42.83	ng		96
15) Benzyl Alcohol	7.61	79	167455	43.93	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	281906	43.96	ng		95
17) 2-Methylphenol	7.85	107	179832	43.44	ng		94
18) Hexachloroethane	8.07	117	62383	33.36	ng		89
19) n-Nitroso-di-n-propylamine	8.04	70	151662	43.09	ng		94
20) 3+4-Methylphenols	8.12	107	237021	45.11	ng	#	59
22) Acetophenone	7.99	105	304156	44.86	ng	#	83
24) Nitrobenzene	8.25	77	211465	42.44	ng		93
25) Isophorone	8.65	82	372748	42.80	ng		97
26) 2-Nitrophenol	8.76	139	100323	38.45	ng		97
27) 2,4-Dimethylphenol	8.92	122	188075	46.45	ng		98
28) bis(2-Chloroethoxy)methane	9.03	93	251438	43.80	ng		98
29) 2,4-Dichlorophenol	9.21	162	163151	41.84	ng		96
30) 1,2,4-Trichlorobenzene	9.26	180	174044	42.89	ng		99
31) Naphthalene	9.36	128	608011	41.82	ng		99
32) Benzoic acid	9.29	122	58812	25.88	ng		93
33) 4-Chloroaniline	9.52	127	142385m	25.06	ng		
34) Hexachlorobutadiene	9.58	225	88762	42.34	ng		94
35) Caprolactam	10.16	113	50982m	43.94	ng		
36) 4-Chloro-3-methylphenol	10.41	107	168937	41.39	ng		89
37) 2-Methylnaphthalene	10.49	142	402692	41.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	155209	44.06	ng		99
40) Hexachlorocyclopentadiene	10.74	237	4100	14.43	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	103458	45.68	ng		98
43) 2,4,5-Trichlorophenol	11.11	196	101319	42.05	ng		95
45) 1,1'-Biphenyl	11.26	154	434640	44.80	ng		97
46) 2-Chloronaphthalene	11.27	162	324684	42.83	ng		94
47) 2-Nitroaniline	11.50	65	101310	45.67	ng	#	80
48) Acenaphthylene	11.92	152	566966	43.74	ng		97
49) Dimethylphthalate	11.82	163	527330	59.00	ng		98
50) 2,6-Dinitrotoluene	11.92	165	69067	35.43	ng	#	66
51) Acenaphthene	12.20	154	302048	40.35	ng		99
52) 3-Nitroaniline	12.18	138	89260	39.30	ng		87
53) 2,4-Dinitrophenol	12.44	184	8263	13.35	ng	#	79
54) Dibenzofuran	12.49	168	458271	43.49	ng		98
55) 4-Nitrophenol	12.62	139	81358	62.43	ng	#	82
56) 2,4-Dinitrotoluene	12.59	165	93362	35.46	ng		96
57) Fluorene	13.04	166	367833	40.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	69585	42.21	ng	#	94
59) Diethylphthalate	12.96	149	381831	44.39	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	164668	41.30	ng	#	86
61) 4-Nitroaniline	13.18	138	88079	41.53	ng		96
62) Azobenzene	13.33	77	325048	41.70	ng		94
64) 4,6-Dinitro-2-methylphenol	13.29	198	11280	9.40	ng	#	1
65) n-Nitrosodiphenylamine	13.29	169	300672	45.81	ng		98
66) 4-Bromophenyl-phenylether	13.85	248	88556	46.65	ng		98
67) Hexachlorobenzene	13.94	284	82660	44.19	ng	#	89
68) Atrazine	14.21	200	76087	41.65	ng		94
69) Pentachlorophenol	14.31	266	43607	63.01	ng		97
70) Phenanthrene	14.58	178	600113	56.94	ng		98
71) Anthracene	14.67	178	519064	47.18	ng		98
72) Carbazole	14.97	167	432122	40.30	ng		97
73) Di-n-butylphthalate	15.56	149	557593	48.88	ng		98
74) Fluoranthene	16.37	202	677632	64.96	ng		99
76) Benzidine	16.60	184	166884	34.77	ng	#	93
77) Pyrene	16.67	202	691705	74.17	ng		98
79) Butylbenzylphthalate	17.60	149	204788	50.28	ng	#	86
80) Benzo(a)anthracene	18.27	228	440016	60.55	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	104015	40.26	ng	#	96
82) Chrysene	18.31	228	414070	57.02	ng		98
83) Bis(2-ethylhexyl)phthalate	18.35	149	308971	53.78	ng	#	100
84) Di-n-octyl phthalate	19.12	149	452836	47.83	ng		100
85) Indeno(1,2,3-cd)pyrene	21.11	276	292384	47.06	ng		97
87) Benzo(b)fluoranthene	19.54	252	382840	60.51	ng		99
88) Benzo(k)fluoranthene	19.57	252	307038	50.77	ng		97
89) Benzo(a)pyrene	19.90	252	336786	57.92	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	219667	44.53	ng		96
91) Benzo(g,h,i)perylene	21.44	276	257440	51.19	ng		96

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

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