Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088534.D
Acq On : 30 Jun 2016 17:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:06:59 AM

Quant Time: Jun 30 18:22:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126426	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	532070	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	241468	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	456122	20.00	ng		0.00
75) Chrysene-d12	13.95	240	288509	20.00	ng		0.00
86) Perylene-d12	15.35	264	276640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	678045	80.38	ng		0.00
7) Phenol-d6	6.44	99	810010	74.31	ng		0.00
23) Nitrobenzene-d5	7.38	82	777310	76.56	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	189728	84.61	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1163439	76.11	ng		0.00
78) Terphenyl-d14	12.91	244	1013258	78.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	161185	38.54	ng	#	34
3) Pyridine	3.08	79	471655	38.86	ng		98
4) n-Nitrosodimethylamine	3.04	42	183850	39.65	ng		92
6) Aniline	6.48	93	632879	39.84	ng		99
8) 2-Chlorophenol	6.59	128	347867	38.37	ng		93
9) Benzaldehyde	6.35	77	286969	38.87	ng		81
10) Phenol	6.46	94	472737	38.00	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	372747	40.18	ng	#	82
12) 1,3-Dichlorobenzene	6.75	146	364726	36.56	ng		96
13) 1,4-Dichlorobenzene	6.83	146	389020	39.28	ng		97
14) 1,2-Dichlorobenzene	6.99	146	352777	38.06	ng		98
15) Benzyl Alcohol	6.96	79	334676	41.72	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	547017	40.72	ng		94
17) 2-Methylphenol	7.07	107	301432	40.75	ng		98
18) Hexachloroethane	7.34	117	156894	40.96	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	277728	37.93	ng		96
20) 3+4-Methylphenols	7.22	107	333699	37.59	ng	#	83
22) Acetophenone	7.23	105	529984	41.04	ng		96
24) Nitrobenzene	7.40	77	428056	41.82	ng		95
25) Isophorone	7.64	82	731009	38.87	ng		97
26) 2-Nitrophenol	7.71	139	160760	38.30	ng		96
27) 2,4-Dimethylphenol	7.76	122	358028	40.95	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	477437	39.01	ng		98
29) 2,4-Dichlorophenol	7.95	162	265763	37.61	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	314083	40.50	ng		99
31) Naphthalene	8.12	128	1065421	40.62	ng		99
32) Benzoic acid	7.88	122	264876	41.73	ng		92
33) 4-Chloroaniline	8.17	127	451324	38.67	ng		97
34) Hexachlorobutadiene	8.25	225	171103	41.21	ng		99
35) Caprolactam	8.55	113	102406	42.67	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	320384	38.34	ng		94
37) 2-Methylnaphthalene	8.81	142	611101	36.18	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	327734	40.81	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	153127	38.85	ng		100

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42) 2,4,6-Trichlorophenol	9.08	196	200858	37.93	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	196332	43.09	ng		95
45) 1,1'-Biphenyl	9.28	154	797974	39.91	ng		99
46) 2-Chloronaphthalene	9.30	162	639861	40.76	ng		100
47) 2-Nitroaniline	9.39	65	245278	44.03	ng		98
48) Acenaphthylene	9.71	152	975503	39.06	ng		99
49) Dimethylphthalate	9.58	163	674800	39.23	ng		99
50) 2,6-Dinitrotoluene	9.63	165	147220	38.61	ng	#	42
51) Acenaphthene	9.88	154	580642	37.93	ng		99
52) 3-Nitroaniline	9.80	138	212767	43.90	ng		98
53) 2,4-Dinitrophenol	9.91	184	76035	45.17	ng	#	72
54) Dibenzofuran	10.06	168	780048	38.93	ng	#	90
55) 4-Nitrophenol	9.95	139	147237	39.98	ng		96
56) 2,4-Dinitrotoluene	10.03	165	190922	38.30	ng	#	51
57) Fluorene	10.40	166	640781	41.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	144470	40.99	ng	#	47
59) Diethylphthalate	10.28	149	719611	41.68	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	266109	37.09	ng	#	88
61) 4-Nitroaniline	10.41	138	176779	37.90	ng		86
62) Azobenzene	10.55	77	756740	38.43	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	113810	46.65	ng	#	68
65) n-Nitrosodiphenylamine	10.51	169	626309	40.57	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	171955	37.41	ng	#	83
67) Hexachlorobenzene	10.95	284	205494	40.39	ng	#	76
68) Atrazine	11.04	200	186640	38.80	ng		93
69) Pentachlorophenol	11.13	266	121405	40.32	ng		96
70) Phenanthrene	11.35	178	933201	37.43	ng		99
71) Anthracene	11.40	178	952370	38.41	ng		100
72) Carbazole	11.55	167	795230	34.08	ng		99
73) Di-n-butylphthalate	11.90	149	999302	36.82	ng		99
74) Fluoranthene	12.54	202	1013149	40.08	ng		100
76) Benzidine	12.66	184	635051	43.55	ng		97
77) Pyrene	12.77	202	1066527	43.60	ng		99
79) Butylbenzylphthalate	13.39	149	458800	42.05	ng		94
80) Benzo(a)anthracene	13.94	228	756788	40.74	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	283828	40.64	ng	#	93
82) Chrysene	13.99	228	794032	43.20	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	530409	42.58	ng		99
84) Di-n-octyl phthalate	14.56	149	934559	44.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	537720	38.03	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	636767	36.69	ng	#	96
88) Benzo(k)fluoranthene	14.99	252	635783m	42.08	ng		
89) Benzo(a)pyrene	15.30	252	590948	40.22	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	465336	37.93	ng		98
91) Benzo(g,h,i)perylene	17.11	276	470851	37.09	ng		99

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

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