Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096057.D
Acq On : 20 Jun 2017 21:52
Operator : SJ/MA
Sample : I3759-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-061617MSD

Manual Integrations APPROVED

Quant Time: Jun 21 01:59:21 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	67231	20.00	ng		0.00	
21) Naphthalene-d8	9.33	136	260569	20.00	ng		0.00	
38) Acenaphthene-d10	12.15	164	101036	20.00	ng		0.00	
63) Phenanthrene-d10	14.54	188	159636	20.00	ng		0.00	
75) Chrysene-d12	18.29	240	103804	20.00	ng		0.01	
86) Perylene-d12	19.96	264	84789	20.00	ng		0.02	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.20	112	624462	148.00	ng		0.02	
7) Phenol-d6	6.89	99	697871	138.16	ng		0.01	
23) Nitrobenzene-d5	8.22	82	408953	97.47	ng		0.00	6/21/2017 2:16:54 PM
41) 2,4,6-Tribromophenol	13.45	330	112502	125.85	ng		0.00	
44) 2-Fluorobiphenyl	11.11	172	736394	101.42	ng		0.00	
78) Terphenyl-d14	16.93	244	505681	120.90	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	1.66	88	76750	38.24	ng		92	
3) Pyridine	2.20	79	202407	42.91	ng		99	
4) n-Nitrosodimethylamine	2.17	42	86958	48.49	ng		80	
6) Aniline	6.80	93	164561	24.90	ng		96	
8) 2-Chlorophenol	6.99	128	218000	48.59	ng		96	
9) Benzaldehyde	6.60	77	57794	16.96	ng		96	
10) Phenol	6.90	94	270347	51.60	ng		90	
11) bis(2-Chloroethyl)ether	6.95	93	200063	48.20	ng		98	
12) 1,3-Dichlorobenzene	7.19	146	232096	45.71	ng		98	
13) 1,4-Dichlorobenzene	7.32	146	235648	45.76	ng		97	
14) 1,2-Dichlorobenzene	7.56	146	222864	46.95	ng		95	
15) Benzyl Alcohol	7.61	79	167036	48.18	ng		94	
16) 2,2'-oxybis(1-Chloropropan	7.80	45	276732	47.45	ng		97	
17) 2-Methylphenol	7.85	107	177976	47.27	ng		93	
18) Hexachloroethane	8.07	117	57979	34.09	ng	#	87	
19) n-Nitroso-di-n-propylamine	8.04	70	150823	47.12	ng		95	
20) 3+4-Methylphenols	8.13	107	237711	49.74	ng	#	60	
22) Acetophenone	7.99	105	302529	49.60	ng	#	83	
24) Nitrobenzene	8.25	77	207240	46.24	ng		93	
25) Isophorone	8.65	82	364740	46.56	ng		97	
26) 2-Nitrophenol	8.76	139	103503	44.10	ng		96	
27) 2,4-Dimethylphenol	8.92	122	185162	50.84	ng		99	
28) bis(2-Chloroethoxy)methane	9.03	93	248267	48.08	ng		100	
29) 2,4-Dichlorophenol	9.22	162	169486	48.32	ng		93	
30) 1,2,4-Trichlorobenzene	9.26	180	167816	45.98	ng		98	
31) Naphthalene	9.36	128	623586	47.69	ng		99	
32) Benzoic acid	9.29	122	73948	34.14	ng		97	
33) 4-Chloroaniline	9.53	127	91829	17.97	ng		98	
34) Hexachlorobutadiene	9.58	225	86091	45.65	ng		98	
35) Caprolactam	10.16	113	49752m	47.67	ng			
36) 4-Chloro-3-methylphenol	10.42	107	166606	45.37	ng		94	
37) 2-Methylnaphthalene	10.49	142	404565	45.79	ng		97	
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	148942	49.26	ng		98	
40) Hexachlorocyclopentadiene	10.73	237	1090	12.23	ng		90	

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42) 2,4,6-Trichlorophenol	11.01	196	100749	51.82	ng		98	
43) 2,4,5-Trichlorophenol	11.11	196	95313	46.09	ng		94	
45) 1,1'-Biphenyl	11.26	154	422469	50.73	ng		97	
46) 2-Chloronaphthalene	11.27	162	313404	48.17	ng		96	
47) 2-Nitroaniline	11.50	65	97043	50.97	ng	#	80	
48) Acenaphthylene	11.93	152	786495	70.69	ng		99	mohammad
49) Dimethylphthalate	11.82	163	486544	63.42	ng		98	
50) 2,6-Dinitrotoluene	11.92	165	66153	39.54	ng	#	62	
51) Acenaphthene	12.20	154	323364	50.32	ng		100	
52) 3-Nitroaniline	12.18	138	73045	37.47	ng		89	
54) Dibenzofuran	12.49	168	460730	50.95	ng		97	6/21/2017 2:16:54 PM
55) 4-Nitrophenol	12.62	139	95127	83.37	ng	#	73	
56) 2,4-Dinitrotoluene	12.59	165	86803	38.41	ng	#	93	
57) Fluorene	13.04	166	393690	50.02	ng		100	
58) 2,3,4,6-Tetrachlorophenol	12.75	232	67701	47.85	ng		92	
59) Diethylphthalate	12.96	149	360464	48.83	ng		99	
60) 4-Chlorophenyl-phenylether	13.07	204	151396	44.24	ng		90	
61) 4-Nitroaniline	13.19	138	83793	46.03	ng		93	
62) Azobenzene	13.33	77	299717	44.79	ng		94	
64) 4,6-Dinitro-2-methylphenol	13.29	198	8757	8.35	ng	#	1	
65) n-Nitrosodiphenylamine	13.29	169	283898	49.49	ng		96	
66) 4-Bromophenyl-phenylether	13.85	248	80976	48.81	ng		99	
67) Hexachlorobenzene	13.94	284	75950	46.46	ng	#	84	
68) Atrazine	14.22	200	78072	48.90	ng		95	
69) Pentachlorophenol	14.32	266	48241	78.00	ng		99	
70) Phenanthrene	14.59	178	896432	97.32	ng		98	
71) Anthracene	14.67	178	689512	71.70	ng		98	
72) Carbazole	14.97	167	418620	44.67	ng		97	
73) Di-n-butylphthalate	15.57	149	515769	51.73	ng		98	
74) Fluoranthene	16.39	202	1238914	135.90	ng		99	
76) Benzidine	16.62	184	73032	18.32	ng	#	92	
77) Pyrene	16.70	202	1446061	186.70	ng		99	
79) Butylbenzylphthalate	17.60	149	205971	60.89	ng	#	86	
80) Benzo(a)anthracene	18.28	228	739366	122.51	ng		95	
81) 3,3'-Dichlorobenzidine	18.26	252	85905	40.04	ng		96	
82) Chrysene	18.33	228	700342	116.12	ng		97	
83) Bis(2-ethylhexyl)phthalate	18.36	149	286554	60.05	ng	#	98	
84) Di-n-octyl phthalate	19.13	149	445605	56.67	ng		97	
85) Indeno(1,2,3-cd)pyrene	21.12	276	370860	71.87	ng		97	
87) Benzo(b)fluoranthene	19.56	252	594301	111.94	ng	#	97	
88) Benzo(k)fluoranthene	19.58	252	334186m	65.85	ng			
89) Benzo(a)pyrene	19.90	252	507024	103.90	ng		96	
90) Dibenzo(a,h)anthracene	21.11	278	221415	53.49	ng		96	
91) Benzo(g,h,i)perylene	21.44	276	345332	81.83	ng		99	

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

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