Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096958.D
Acq On : 21 Jul 2017 21:51
Operator : SJ/JU
Sample : I4352-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMSD

Manual Integrations APPROVED
Sohil
7/24/2017 3:05:24 PM

Quant Time: Jul 22 02:05:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120634	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	492928	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	191848	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	313741	20.00	ng		-0.04
75) Chrysene-d12	13.69	240	195388	20.00	ng		-0.04
86) Perylene-d12	15.05	264	219166	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	835350	104.12	ng		-0.02
7) Phenol-d6	6.23	99	1041730	108.20	ng		-0.02
23) Nitrobenzene-d5	7.13	82	619061	77.79	ng		-0.04
41) 2,4,6-Tribromophenol	10.38	330	179788	109.79	ng		-0.04
44) 2-Fluorobiphenyl	8.92	172	981868	80.86	ng		-0.04
78) Terphenyl-d14	12.64	244	621349	55.15	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	119951	29.056	ng	#	72
3) Pyridine	2.82	79	369016	42.533	ng	#	63
4) n-Nitrosodimethylamine	2.76	42	237923	49.037	ng		80
6) Aniline	6.22	93	301609	25.432	ng	#	67
8) 2-Chlorophenol	6.35	128	325939	37.657	ng		95
9) Benzaldehyde	6.10	77	132563	23.822	ng		95
10) Phenol	6.24	94	452500	41.575	ng		95
11) bis(2-Chloroethyl)ether	6.30	93	339645	41.498	ng		92
12) 1,3-Dichlorobenzene	6.50	146	352601	38.325	ng		99
13) 1,4-Dichlorobenzene	6.57	146	356542	38.267	ng		95
14) 1,2-Dichlorobenzene	6.73	146	320168	37.780	ng		98
15) Benzyl Alcohol	6.72	79	250468	39.736	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	663364	39.273	ng		74
17) 2-Methylphenol	6.84	107	263437	39.140	ng	#	89
18) Hexachloroethane	7.07	117	116840	35.365	ng	#	81
19) n-Nitroso-di-n-propylamine	6.99	70	232679	40.114	ng	#	83
20) 3+4-Methylphenols	7.00	107	347906	42.596	ng	#	62
22) Acetophenone	6.97	105	463623	42.082	ng		97
24) Nitrobenzene	7.15	77	340160	41.329	ng		95
25) Isophorone	7.39	82	607546	41.039	ng		96
26) 2-Nitrophenol	7.46	139	185350	40.501	ng		90
27) 2,4-Dimethylphenol	7.52	122	299587	39.792	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	416531	41.638	ng		100
29) 2,4-Dichlorophenol	7.71	162	271793	39.881	ng		94
30) 1,2,4-Trichlorobenzene	7.79	180	254058	39.208	ng		97
31) Naphthalene	7.86	128	936866	40.121	ng		99
32) Benzoic acid	7.66	122	119481	24.830	ng		95
33) 4-Chloroaniline	7.92	127	184887	19.984	ng		98
34) Hexachlorobutadiene	7.99	225	134331	38.834	ng		98
35) Caprolactam	8.29	113	81227m	37.197	ng		
36) 4-Chloro-3-methylphenol	8.42	107	262435	35.813	ng		88
37) 2-Methylnaphthalene	8.56	142	570280	38.307	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	216940	41.831	ng		99
40) Hexachlorocyclopentadiene	8.71	237	48995	28.538	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	153626	40.159	ng		100
43) 2,4,5-Trichlorophenol	8.89	196	157052	40.707	ng		97
45) 1,1'-Biphenyl	9.02	154	652786	39.674	ng		97
46) 2-Chloronaphthalene	9.04	162	483265	39.887	ng	#	93
47) 2-Nitroaniline	9.14	65	163803	39.332	ng		95
48) Acenaphthylene	9.45	152	744588	38.571	ng		99
49) Dimethylphthalate	9.33	163	722074	49.986	ng		99
50) 2,6-Dinitrotoluene	9.39	165	124773	39.878	ng	#	85
51) Acenaphthene	9.62	154	438707	38.470	ng		98
52) 3-Nitroaniline	9.55	138	92441	24.939	ng		88
53) 2,4-Dinitrophenol	9.66	184	60840	42.702	ng	#	74
54) Dibenzofuran	9.79	168	573562	35.891	ng		97
55) 4-Nitrophenol	9.74	139	154631	57.102	ng	#	64
56) 2,4-Dinitrotoluene	9.79	165	133870	33.296	ng	#	63
57) Fluorene	10.14	166	456144	38.627	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.92	232	98234	36.714	ng	#	96
59) Diethylphthalate	10.02	149	517013	36.765	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	188088	36.571	ng		98
61) 4-Nitroaniline	10.16	138	146046	41.958	ng		92
62) Azobenzene	10.29	77	603357	48.634	ng		92
64) 4,6-Dinitro-2-methylphenol	10.20	198	59928	30.423	ng		91
65) n-Nitrosodiphenylamine	10.25	169	486516	43.381	ng		97
66) 4-Bromophenyl-phenylether	10.62	248	139081	43.420	ng		98
67) Hexachlorobenzene	10.69	284	140924	39.501	ng	#	92
68) Atrazine	10.79	200	147458	46.150	ng		94
69) Pentachlorophenol	10.88	266	113845	66.056	ng		99
70) Phenanthrene	11.09	178	696628	40.836	ng		100
71) Anthracene	11.14	178	717711	41.611	ng		99
72) Carbazole	11.30	167	678575	40.626	ng		99
73) Di-n-butylphthalate	11.64	149	909138	43.705	ng		99
74) Fluoranthene	12.27	202	608323	37.255	ng		98
76) Benzidine	12.39	184	315557	49.298	ng	#	92
77) Pyrene	12.49	202	620938	35.017	ng		99
79) Butylbenzylphthalate	13.13	149	302704	35.928	ng	#	86
80) Benzo(a)anthracene	13.68	228	522213	42.895	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	180643	41.263	ng		97
82) Chrysene	13.72	228	504981	42.135	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	379425	36.979	ng		99
84) Di-n-octyl phthalate	14.30	149	731869	43.151	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.32	276	451085	40.333	ng		98
87) Benzo(b)fluoranthene	14.69	252	556355	42.090	ng		97
88) Benzo(k)fluoranthene	14.71	252	462447	36.946	ng		95
89) Benzo(a)pyrene	15.00	252	498045	41.081	ng		99
90) Dibenzo(a,h)anthracene	16.33	278	375142	33.629	ng		97
91) Benzo(g,h,i)perylene	16.70	276	369888	30.964	ng		100

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

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