Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100789.D
Acq On : 21 Nov 2017 19:13
Operator : SJ/JU
Sample : I6499-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PG1-2-E(4-5)MS

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:21 PM

Quant Time: Nov 22 06:31:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	88253	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	345082	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	153097	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	266464	20.00	ng		0.00
75) Chrysene-d12	14.04	240	163912	20.00	ng		0.00
86) Perylene-d12	15.51	264	204367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	704718	128.00	ng		0.01
7) Phenol-d6	6.51	99	855591	126.03	ng		0.00
23) Nitrobenzene-d5	7.45	82	532254	101.97	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	203868	130.68	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1033862	102.83	ng		0.00
78) Terphenyl-d14	12.98	244	732080	102.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	83835	31.246	ng		96
3) Pyridine	3.49	79	236716	32.339	ng		94
4) n-Nitrosodimethylamine	3.45	42	118422	33.321	ng		96
6) Aniline	6.55	93	136064	14.186	ng		98
8) 2-Chlorophenol	6.66	128	242640	41.660	ng		98
9) Benzaldehyde	6.42	77	88340	18.221	ng		98
10) Phenol	6.52	94	332450	46.646	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	227902	38.070	ng		98
12) 1,3-Dichlorobenzene	6.82	146	279480	41.620	ng		97
13) 1,4-Dichlorobenzene	6.89	146	283456	41.707	ng		97
14) 1,2-Dichlorobenzene	7.05	146	263621	41.952	ng		98
15) Benzyl Alcohol	7.02	79	206986	39.065	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	392514	40.995	ng		98
17) 2-Methylphenol	7.13	107	205597	41.307	ng		98
18) Hexachloroethane	7.39	117	91065	40.638	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	168252	35.736	ng		99
20) 3+4-Methylphenols	7.28	107	249836	39.667	ng	#	75
22) Acetophenone	7.29	105	326846	38.842	ng	#	97
24) Nitrobenzene	7.46	77	247365	46.045	ng		93
25) Isophorone	7.70	82	446053	40.667	ng		98
26) 2-Nitrophenol	7.77	139	133292	52.367	ng		89
27) 2,4-Dimethylphenol	7.81	122	223617	45.479	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	288296	40.183	ng		100
29) 2,4-Dichlorophenol	8.02	162	212008	45.166	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	225709	44.453	ng		96
31) Naphthalene	8.18	128	704389	42.379	ng		100
32) Benzoic acid	7.89	122	26367	15.006	ng		93
33) 4-Chloroaniline	8.22	127	41382	5.981	ng		95
34) Hexachlorobutadiene	8.29	225	130120	43.102	ng		99
35) Caprolactam	8.60	113	64191m	39.849	ng		
36) 4-Chloro-3-methylphenol	8.71	107	210858	41.826	ng		100
37) 2-Methylnaphthalene	8.87	142	476333	43.167	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222014	43.725	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	72683	30.415	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	154557	48.029	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	152518	45.745	ng	#	90
45) 1,1'-Biphenyl	9.33	154	561117	42.376	ng		99
46) 2-Chloronaphthalene	9.36	162	433499	45.128	ng		95
47) 2-Nitroaniline	9.46	65	125054	44.286	ng		97
48) Acenaphthylene	9.77	152	663228	41.661	ng		100
49) Dimethylphthalate	9.63	163	593976	50.814	ng		100
50) 2,6-Dinitrotoluene	9.70	165	110052	47.563	ng		92
51) Acenaphthene	9.95	154	396020	40.903	ng		99
52) 3-Nitroaniline	9.86	138	51432	18.824	ng		97
53) 2,4-Dinitrophenol	9.97	184	23010	34.224	ng	#	19
54) Dibenzofuran	10.12	168	577774	42.578	ng		97
55) 4-Nitrophenol	10.03	139	150682	67.919	ng		93
56) 2,4-Dinitrotoluene	10.10	165	143179	49.052	ng	#	86
57) Fluorene	10.46	166	439419	44.203	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	117696	43.072	ng	#	85
59) Diethylphthalate	10.33	149	480150	41.047	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	215936	44.280	ng		92
61) 4-Nitroaniline	10.48	138	94689	36.549	ng		86
62) Azobenzene	10.61	77	417267	37.874	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	25713	24.269	ng		75
65) n-Nitrosodiphenylamine	10.57	169	414353	44.721	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	135388	47.397	ng	#	89
67) Hexachlorobenzene	11.01	284	134011	44.857	ng	#	86
68) Atrazine	11.10	200	126779	45.204	ng		96
69) Pentachlorophenol	11.20	266	122586	57.224	ng		98
70) Phenanthrene	11.43	178	724026	51.607	ng		98
71) Anthracene	11.47	178	634778	44.596	ng		99
72) Carbazole	11.63	167	516314	39.312	ng		99
73) Di-n-butylphthalate	11.95	149	695488	45.251	ng		99
74) Fluoranthene	12.61	202	713508	47.987	ng		98
76) Benzidine	12.73	184	199574	30.403	ng		97
77) Pyrene	12.85	202	679971	58.195	ng		99
79) Butylbenzylphthalate	13.45	149	213437	44.792	ng		93
80) Benzo(a)anthracene	14.03	228	546691	55.385	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	123105	34.809	ng	#	98
82) Chrysene	14.06	228	508978	53.249	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	288340	46.008	ng		100
84) Di-n-octyl phthalate	14.62	149	499276	46.373	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	538366	69.634	ng		95
87) Benzo(b)fluoranthene	15.08	252	638322	52.721	ng		99
88) Benzo(k)fluoranthene	15.11	252	463713	40.534	ng		98
89) Benzo(a)pyrene	15.46	252	554036	51.616	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	409727	46.675	ng		97
91) Benzo(g,h,i)perylene	17.45	276	423208	49.251	ng		94

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

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