Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095800.D
Acq On : 9 Jun 2017 00:14
Operator : SJ/MA
Sample : I3495-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
US-01MSD

Manual Integrations APPROVED
mohammad
6/9/2017 12:09:14 PM

Quant Time: Jun 09 03:43:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	72451	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	299812	20.00	ng		-0.03
38) Acenaphthene-d10	12.23	164	134490	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	230749	20.00	ng		-0.02
75) Chrysene-d12	18.34	240	146209	20.00	ng		-0.02
86) Perylene-d12	20.00	264	129687	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	653155	143.65	ng		-0.01
7) Phenol-d6	6.95	99	778702	143.06	ng		-0.01
23) Nitrobenzene-d5	8.29	82	444595	92.10	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	145147	121.98	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	684329	70.81	ng		-0.03
78) Terphenyl-d14	16.99	244	470952	79.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	84039	38.85	ng		90
3) Pyridine	2.29	79	210698	41.45	ng		95
4) n-Nitrosodimethylamine	2.27	42	92471	47.85	ng		80
6) Aniline	6.87	93	158285	22.23	ng		97
8) 2-Chlorophenol	7.06	128	248693	51.44	ng		95
9) Benzaldehyde	6.67	77	110135	30.00	ng		98
10) Phenol	6.96	94	317995	56.32	ng		91
11) bis(2-Chloroethyl)ether	7.02	93	214224	47.89	ng		98
12) 1,3-Dichlorobenzene	7.27	146	254668	46.54	ng		99
13) 1,4-Dichlorobenzene	7.39	146	259711	46.80	ng		95
14) 1,2-Dichlorobenzene	7.63	146	246088	48.10	ng		96
15) Benzyl Alcohol	7.67	79	197540	52.87	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	307581	48.94	ng		97
17) 2-Methylphenol	7.90	107	208513	51.39	ng		97
18) Hexachloroethane	8.15	117	83561	45.59	ng	#	86
19) n-Nitroso-di-n-propylamine	8.11	70	172310	49.95	ng		95
20) 3+4-Methylphenols	8.17	107	271678	52.75	ng	#	58
22) Acetophenone	8.06	105	345806	49.28	ng	#	83
24) Nitrobenzene	8.32	77	242630	47.05	ng		92
25) Isophorone	8.72	82	430698	47.78	ng		95
26) 2-Nitrophenol	8.83	139	135413	50.15	ng		99
27) 2,4-Dimethylphenol	8.99	122	218476	52.13	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	286573	48.23	ng		100
29) 2,4-Dichlorophenol	9.26	162	204816	50.75	ng		99
30) 1,2,4-Trichlorobenzene	9.33	180	196240	46.73	ng		98
31) Naphthalene	9.43	128	699026	46.46	ng		100
32) Benzoic acid	9.28	122	23593	13.16	ng		91
33) 4-Chloroaniline	9.60	127	95531	16.24	ng	#	91
34) Hexachlorobutadiene	9.66	225	98081	45.20	ng		98
35) Caprolactam	10.23	113	59672m	49.69	ng		
36) 4-Chloro-3-methylphenol	10.47	107	207833	49.19	ng		91
37) 2-Methylnaphthalene	10.56	142	465488	45.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	180776	44.91	ng		99
40) Hexachlorocyclopentadiene	10.82	237	51302	46.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	128347	49.59	ng		99
43) 2,4,5-Trichlorophenol	11.16	196	131346	47.72	ng	#	93
45) 1,1'-Biphenyl	11.33	154	509964	46.01	ng		97
46) 2-Chloronaphthalene	11.35	162	395718	45.69	ng		96
47) 2-Nitroaniline	11.57	65	121436	47.91	ng	#	81
48) Acenaphthylene	12.00	152	647365	43.71	ng		98
49) Dimethylphthalate	11.89	163	618320	60.55	ng		100
50) 2,6-Dinitrotoluene	11.99	165	104914	47.10	ng	#	80
51) Acenaphthene	12.28	154	376500	44.02	ng		98
52) 3-Nitroaniline	12.24	138	67521	26.02	ng		89
53) 2,4-Dinitrophenol	12.47	184	29407	27.91	ng	#	71
54) Dibenzofuran	12.57	168	579413	48.13	ng		97
55) 4-Nitrophenol	12.64	139	140494	91.99	ng	#	70
56) 2,4-Dinitrotoluene	12.65	165	143689	47.76	ng	#	86
57) Fluorene	13.12	166	468584	44.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	104382	55.42	ng	#	90
59) Diethylphthalate	13.04	149	460777	46.89	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	201068	44.14	ng		89
61) 4-Nitroaniline	13.25	138	98407	40.62	ng		95
62) Azobenzene	13.40	77	421764	47.36	ng		95
64) 4,6-Dinitro-2-methylphenol	13.33	198	48088	31.71	ng	#	72
65) n-Nitrosodiphenylamine	13.36	169	394954	47.63	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	113853	47.48	ng		99
67) Hexachlorobenzene	14.02	284	109742	46.44	ng	#	92
68) Atrazine	14.29	200	117485	50.91	ng		95
69) Pentachlorophenol	14.37	266	80056	88.57	ng		99
70) Phenanthrene	14.66	178	901971	67.75	ng		99
71) Anthracene	14.74	178	673280	48.44	ng		97
72) Carbazole	15.04	167	603481	44.55	ng		97
73) Di-n-butylphthalate	15.63	149	699127	48.51	ng		98
74) Fluoranthene	16.44	202	986580	74.87	ng		98
76) Benzidine	16.66	184	176795	31.48	ng	#	92
77) Pyrene	16.74	202	909263	83.35	ng		98
79) Butylbenzylphthalate	17.66	149	254423	53.40	ng		88
80) Benzo(a)anthracene	18.33	228	546790	64.32	ng		99
81) 3,3'-Dichlorobenzidine	18.31	252	104443	34.56	ng	#	96
82) Chrysene	18.37	228	516655	60.82	ng		98
83) Bis(2-ethylhexyl)phthalate	18.42	149	384629	57.23	ng	#	99
84) Di-n-octyl phthalate	19.18	149	560442	50.61	ng		96
85) Indeno(1,2,3-cd)pyrene	21.18	276	392516	54.00	ng		99
87) Benzo(b)fluoranthene	19.60	252	547675	67.44	ng		97
88) Benzo(k)fluoranthene	19.63	252	380195	48.98	ng		96
89) Benzo(a)pyrene	19.95	252	452077	60.57	ng		100
90) Dibenzo(a,h)anthracene	21.18	278	281427	44.45	ng		98
91) Benzo(g,h,i)perylene	21.50	276	339597	52.61	ng		99

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

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