Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095799.D
Acq On : 8 Jun 2017 23:42
Operator : SJ/MA
Sample : I3495-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : US-01MS

Manual Integrations APPROVED
mohammad
6/9/2017 12:09:10 PM

Quant Time: Jun 09 03:42:04 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	72003	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	293119	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	125335	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	207900	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	128684	20.00	ng		-0.02
86) Perylene-d12	20.00	264	125126	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	541985	119.94	ng		-0.02
7) Phenol-d6	6.94	99	640541	118.41	ng		-0.02
23) Nitrobenzene-d5	8.29	82	370687	78.54	ng		-0.03
41) 2,4,6-Tribromophenol	13.52	330	115315	103.99	ng		-0.03
44) 2-Fluorobiphenyl	11.18	172	577348	64.10	ng		-0.04
78) Terphenyl-d14	16.99	244	377221	72.75	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	67064	31.20	ng		95
3) Pyridine	2.29	79	175773	34.79	ng		95
4) n-Nitrosodimethylamine	2.26	42	73153	38.09	ng		82
6) Aniline	6.87	93	174366	24.64	ng		95
8) 2-Chlorophenol	7.05	128	200897	41.81	ng		95
9) Benzaldehyde	6.67	77	89371	24.49	ng		98
10) Phenol	6.95	94	253009	45.09	ng		91
11) bis(2-Chloroethyl)ether	7.02	93	176832	39.78	ng		97
12) 1,3-Dichlorobenzene	7.27	146	209225	38.47	ng		98
13) 1,4-Dichlorobenzene	7.39	146	212724	38.57	ng		97
14) 1,2-Dichlorobenzene	7.63	146	202600	39.85	ng		97
15) Benzyl Alcohol	7.67	79	157843	42.51	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.87	45	247573	39.64	ng		98
17) 2-Methylphenol	7.90	107	167337	41.50	ng		98
18) Hexachloroethane	8.15	117	68609	37.67	ng	#	87
19) n-Nitroso-di-n-propylamine	8.10	70	137488	40.10	ng		94
20) 3+4-Methylphenols	8.16	107	217659	42.53	ng	#	57
22) Acetophenone	8.06	105	277393	40.43	ng	#	84
24) Nitrobenzene	8.32	77	195978	38.87	ng		95
25) Isophorone	8.72	82	342948	38.92	ng		95
26) 2-Nitrophenol	8.83	139	107659	40.78	ng		97
27) 2,4-Dimethylphenol	8.98	122	173613	42.37	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	228356	39.31	ng		99
29) 2,4-Dichlorophenol	9.26	162	164145	41.60	ng		99
30) 1,2,4-Trichlorobenzene	9.33	180	158729	38.66	ng		99
31) Naphthalene	9.43	128	566269	38.49	ng		100
32) Benzoic acid	9.28	122	21605	12.65	ng		95
33) 4-Chloroaniline	9.59	127	107557	18.71	ng	#	91
34) Hexachlorobutadiene	9.66	225	79273	37.37	ng		99
35) Caprolactam	10.20	113	46543m	39.64	ng		
36) 4-Chloro-3-methylphenol	10.46	107	164787	39.89	ng		88
37) 2-Methylnaphthalene	10.56	142	370657	37.29	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	143021	38.13	ng		99
40) Hexachlorocyclopentadiene	10.82	237	30479	33.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	100865	41.82	ng		99
43) 2,4,5-Trichlorophenol	11.16	196	102540	39.97	ng	#	92
45) 1,1'-Biphenyl	11.33	154	403842	39.09	ng		98
46) 2-Chloronaphthalene	11.35	162	310815	38.51	ng		96
47) 2-Nitroaniline	11.56	65	91817	38.87	ng	#	81
48) Acenaphthylene	12.00	152	504883	36.58	ng		98
49) Dimethylphthalate	11.89	163	480514	50.49	ng		98
50) 2,6-Dinitrotoluene	11.98	165	80737	38.90	ng	#	85
51) Acenaphthene	12.28	154	299441	37.57	ng		99
52) 3-Nitroaniline	12.24	138	58930	24.37	ng		91
53) 2,4-Dinitrophenol	12.48	184	23802	25.09	ng	#	71
54) Dibenzofuran	12.57	168	449575	40.07	ng		96
55) 4-Nitrophenol	12.65	139	90463	64.99	ng	#	71
56) 2,4-Dinitrotoluene	12.65	165	109369	39.01	ng	#	92
57) Fluorene	13.12	166	364513	37.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.81	232	73259	41.74	ng	#	94
59) Diethylphthalate	13.03	149	347390	37.93	ng		98
60) 4-Chlorophenyl-phenylether	13.14	204	155187	36.55	ng		90
61) 4-Nitroaniline	13.24	138	75823	33.58	ng		97
62) Azobenzene	13.40	77	314915	37.94	ng		93
64) 4,6-Dinitro-2-methylphenol	13.33	198	31208	22.84	ng	#	70
65) n-Nitrosodiphenylamine	13.36	169	299705	40.12	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	83397	38.60	ng		98
67) Hexachlorobenzene	14.01	284	80983	38.04	ng	#	89
68) Atrazine	14.29	200	87527	42.10	ng		95
69) Pentachlorophenol	14.37	266	56136	70.40	ng		96
70) Phenanthrene	14.66	178	716547	59.73	ng		99
71) Anthracene	14.74	178	517171	41.30	ng		98
72) Carbazole	15.04	167	445823	36.53	ng		98
73) Di-n-butylphthalate	15.63	149	510713	39.33	ng	#	97
74) Fluoranthene	16.44	202	738695	62.22	ng		99
76) Benzidine	16.66	184	150126	30.38	ng	#	92
77) Pyrene	16.74	202	679078	70.72	ng		99
79) Butylbenzylphthalate	17.66	149	177878	42.42	ng	#	86
80) Benzo(a)anthracene	18.32	228	391871	52.38	ng		99
81) 3,3'-Dichlorobenzidine	18.31	252	87949	33.06	ng	#	96
82) Chrysene	18.37	228	381835	51.07	ng		99
83) Bis(2-ethylhexyl)phthalate	18.41	149	267217	45.17	ng		98
84) Di-n-octyl phthalate	19.18	149	398013	40.83	ng		95
85) Indeno(1,2,3-cd)pyrene	21.17	276	312570	48.86	ng		99
87) Benzo(b)fluoranthene	19.60	252	390750	49.87	ng		98
88) Benzo(k)fluoranthene	19.63	252	312211m	41.69	ng		
89) Benzo(a)pyrene	19.94	252	357076	49.59	ng		99
90) Dibenzo(a,h)anthracene	21.17	278	238424	39.03	ng		98
91) Benzo(g,h,i)perylene	21.50	276	272221	43.71	ng		97

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

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