Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094494.D
Acq On : 18 Apr 2017 18:53
Operator : SJ/MA
Sample : I2741-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WDS-02MS

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:13 PM

Quant Time: Apr 19 02:16:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127898	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	494938	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	226508	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	414381	20.00	ng		0.00
75) Chrysene-d12	14.47	240	285694	20.00	ng		0.00
86) Perylene-d12	16.09	264	259213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	872360	113.16	ng		0.03
7) Phenol-d6	5.41	99	1110963	122.24	ng		0.01
23) Nitrobenzene-d5	6.42	82	723390	90.25	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	235065	132.68	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1266199	82.25	ng		0.00
78) Terphenyl-d14	13.19	244	1056623	98.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	127014	28.33	ng		96
3) Pyridine	2.65	79	333781	34.06	ng		99
4) n-Nitrosodimethylamine	2.60	42	156221	38.53	ng		91
6) Aniline	5.41	93	356440	29.51	ng	#	80
8) 2-Chlorophenol	5.55	128	365012	41.61	ng		95
9) Benzaldehyde	5.27	77	63823	9.23	ng		99
10) Phenol	5.42	94	510711	45.74	ng		98
11) bis(2-Chloroethyl)ether	5.49	93	334940	41.07	ng		98
12) 1,3-Dichlorobenzene	5.71	146	387402	39.86	ng		100
13) 1,4-Dichlorobenzene	5.80	146	392092	40.10	ng		97
14) 1,2-Dichlorobenzene	5.97	146	362526	40.25	ng		96
15) Benzyl Alcohol	5.95	79	273031	40.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	449059	41.99	ng		84
17) 2-Methylphenol	6.10	107	291099	42.13	ng		93
18) Hexachloroethane	6.35	117	131831	39.33	ng	#	84
19) n-Nitroso-di-n-propylamine	6.26	70	254587	42.28	ng		96
20) 3+4-Methylphenols	6.28	107	402138	42.83	ng	#	63
22) Acetophenone	6.25	105	510749	42.44	ng	#	86
24) Nitrobenzene	6.45	77	363270	43.04	ng		92
25) Isophorone	6.74	82	642958	43.27	ng	#	93
26) 2-Nitrophenol	6.82	139	201411	44.42	ng		96
27) 2,4-Dimethylphenol	6.90	122	315048	42.77	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	419301	43.63	ng		99
29) 2,4-Dichlorophenol	7.12	162	301049	43.93	ng		97
30) 1,2,4-Trichlorobenzene	7.21	180	288969	40.79	ng		99
31) Naphthalene	7.30	128	972034	40.85	ng		100
32) Benzoic acid	7.03	122	53043	13.62	ng		95
33) 4-Chloroaniline	7.37	127	96490	9.75	ng		94
34) Hexachlorobutadiene	7.45	225	151174	42.80	ng		96
35) Caprolactam	7.82	113	99572m	46.25	ng		
36) 4-Chloro-3-methylphenol	8.00	107	303076	42.20	ng		88
37) 2-Methylnaphthalene	8.14	142	704380	43.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	263189	40.80	ng		99
40) Hexachlorocyclopentadiene	8.33	237	214873	82.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	183237	40.45	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	194547	41.82	ng		96
45) 1,1'-Biphenyl	8.71	154	733378	39.63	ng		98
46) 2-Chloronaphthalene	8.72	162	611727	41.57	ng		94
47) 2-Nitroaniline	8.86	65	183157	43.27	ng		87
48) Acenaphthylene	9.23	152	955488	41.65	ng		99
49) Dimethylphthalate	9.11	163	967551	57.32	ng		99
50) 2,6-Dinitrotoluene	9.17	165	166652	43.98	ng	#	88
51) Acenaphthene	9.44	154	574343	41.80	ng		100
52) 3-Nitroaniline	9.37	138	114916	26.21	ng		93
53) 2,4-Dinitrophenol	9.51	184	121259	60.49	ng	#	70
54) Dibenzofuran	9.65	168	851735	42.65	ng		100
55) 4-Nitrophenol	9.63	139	256416	82.80	ng	#	74
56) 2,4-Dinitrotoluene	9.67	165	209794	45.13	ng	#	91
57) Fluorene	10.08	166	656359	42.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	146825	44.04	ng		97
59) Diethylphthalate	9.97	149	699378	43.91	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	290167	44.84	ng		92
61) 4-Nitroaniline	10.12	138	173456	38.92	ng		96
62) Azobenzene	10.28	77	673569	43.56	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	103014	37.94	ng	#	74
65) n-Nitrosodiphenylamine	10.24	169	603717	41.89	ng		97
66) 4-Bromophenyl-phenylether	10.68	248	169359	41.16	ng		97
67) Hexachlorobenzene	10.75	284	173174	41.76	ng	#	90
68) Atrazine	10.91	200	179908	41.73	ng		98
69) Pentachlorophenol	11.01	266	154195	93.65	ng		98
70) Phenanthrene	11.25	178	970404	41.59	ng		98
71) Anthracene	11.32	178	995882	41.26	ng		98
72) Carbazole	11.52	167	924812	40.82	ng		98
73) Di-n-butylphthalate	11.97	149	1125750	45.13	ng		99
74) Fluoranthene	12.71	202	975513	40.34	ng		99
76) Benzidine	12.88	184	345151	29.84	ng	#	94
77) Pyrene	12.98	202	956847	47.94	ng		99
79) Butylbenzylphthalate	13.81	149	442044	50.53	ng	#	86
80) Benzo(a)anthracene	14.45	228	708689	42.68	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	147083	25.02	ng	#	97
82) Chrysene	14.50	228	649812	42.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	591293	50.34	ng	#	98
84) Di-n-octyl phthalate	15.28	149	935890	47.50	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	736448	51.00	ng		100
87) Benzo(b)fluoranthene	15.69	252	689988	43.51	ng		98
88) Benzo(k)fluoranthene	15.72	252	580851	38.71	ng		95
89) Benzo(a)pyrene	16.04	252	620275	42.05	ng		100
90) Dibenzo(a,h)anthracene	17.39	278	601590	49.11	ng		99
91) Benzo(g,h,i)perylene	17.75	276	621038	49.80	ng		98

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

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