Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097764.D
Acq On : 17 Aug 2017 3:35
Operator : SJ/JU
Sample : I4773-04MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:58:06 PM

Quant Time: Aug 17 08:03:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	128352	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	508515	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	209581	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	313593	20.00	ng		0.00
75) Chrysene-d12	13.94	240	235699	20.00	ng		0.00
86) Perylene-d12	15.37	264	219756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	951387	112.75	ng		0.01
7) Phenol-d6	6.42	99	1284151	112.00	ng		0.00
23) Nitrobenzene-d5	7.35	82	785985	83.97	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	186031	102.30	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1077316	75.52	ng		0.00
78) Terphenyl-d14	12.89	244	526964	46.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	147572	31.359	ng		89
3) Pyridine	3.28	79	422108	32.446	ng		86
4) n-Nitrosodimethylamine	3.22	42	160429	32.049	ng	#	78
6) Aniline	6.44	93	342454	21.262	ng	#	91
8) 2-Chlorophenol	6.57	128	326405	36.679	ng		99
9) Benzaldehyde	6.33	77	141547	19.491	ng		88
10) Phenol	6.43	94	494242	36.859	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	374198	36.974	ng		95
12) 1,3-Dichlorobenzene	6.72	146	351493m	36.720	ng		
13) 1,4-Dichlorobenzene	6.80	146	412651	42.387	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	679010	75.642	ng		98
15) Benzyl Alcohol	6.93	79	328310	38.248	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	484988	35.616	ng		91
17) 2-Methylphenol	7.04	107	291841	37.214	ng		97
18) Hexachloroethane	7.29	117	124819	32.702	ng	#	78
19) n-Nitroso-di-n-propylamine	7.20	70	282428	35.985	ng		90
20) 3+4-Methylphenols	7.19	107	357751	37.350	ng		88
22) Acetophenone	7.19	105	483354	35.981	ng	#	90
24) Nitrobenzene	7.36	77	406160	38.969	ng		93
25) Isophorone	7.60	82	730923	37.552	ng		96
26) 2-Nitrophenol	7.68	139	148902	40.372	ng	#	81
27) 2,4-Dimethylphenol	7.72	122	296230	36.492	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	465064	36.343	ng		97
29) 2,4-Dichlorophenol	7.92	162	261586	38.820	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	268268	35.913	ng		99
31) Naphthalene	8.09	128	1481273	56.110	ng		100
32) Benzoic acid	7.85	122	213049	37.620	ng		91
33) 4-Chloroaniline	8.14	127	127520	11.453	ng		99
34) Hexachlorobutadiene	8.20	225	151240	34.676	ng		98
35) Caprolactam	8.50	113	85550m	37.345	ng		
36) 4-Chloro-3-methylphenol	8.62	107	296311	34.225	ng	#	76
37) 2-Methylnaphthalene	8.78	142	645852	39.903	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	241257	37.509	ng		99
40) Hexachlorocyclopentadiene	8.93	237	66554	21.539	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	163169	37.786	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	167422	39.081	ng		96
45) 1,1'-Biphenyl	9.25	154	697546	36.498	ng		97
46) 2-Chloronaphthalene	9.26	162	497795	35.251	ng	#	91
47) 2-Nitroaniline	9.36	65	190816	40.307	ng		94
48) Acenaphthylene	9.68	152	775415	34.967	ng		99
49) Dimethylphthalate	9.55	163	754806	49.270	ng		99
50) 2,6-Dinitrotoluene	9.60	165	117849	38.538	ng	#	63
51) Acenaphthene	9.85	154	477125	34.115	ng		99
52) 3-Nitroaniline	9.77	138	88023	22.311	ng		85
53) 2,4-Dinitrophenol	9.87	184	15902	19.688	ng	#	82
54) Dibenzofuran	10.02	168	690744	36.851	ng		99
55) 4-Nitrophenol	9.93	139	186844	59.367	ng	#	31
56) 2,4-Dinitrotoluene	10.00	165	145016	37.788	ng	#	61
57) Fluorene	10.37	166	494341	34.112	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	128997	38.892	ng	#	92
59) Diethylphthalate	10.25	149	605765	37.812	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	245717	36.497	ng	#	84
61) 4-Nitroaniline	10.38	138	108031	28.810	ng		77
62) Azobenzene	10.52	77	666932	35.047	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	13749	16.012	ng		91
65) n-Nitrosodiphenylamine	10.48	169	450971	42.231	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	139536	42.849	ng		93
67) Hexachlorobenzene	10.91	284	126680	38.166	ng	#	85
68) Atrazine	11.01	200	116749	41.225	ng		98
69) Pentachlorophenol	11.10	266	139481	72.073	ng		98
70) Phenanthrene	11.33	178	612874	36.676	ng		99
71) Anthracene	11.38	178	611433	36.075	ng		99
72) Carbazole	11.53	167	539693	33.546	ng		97
73) Di-n-butylphthalate	11.87	149	603631	32.574	ng		100
74) Fluoranthene	12.52	202	546873	31.354	ng		99
77) Pyrene	12.74	202	565407	29.330	ng		98
79) Butylbenzylphthalate	13.37	149	259812	35.152	ng	#	72
80) Benzo(a)anthracene	13.93	228	493388	34.927	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	29290	6.145	ng	#	97
82) Chrysene	13.96	228	485194	34.527	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	343365	41.924	ng		98
84) Di-n-octyl phthalate	14.54	149	660789	46.370	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	389418	37.670	ng		96
87) Benzo(b)fluoranthene	14.96	252	481433	34.756	ng		100
88) Benzo(k)fluoranthene	14.99	252	488871	37.565	ng	#	95
89) Benzo(a)pyrene	15.31	252	456878	37.257	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	333887	33.445	ng		99
91) Benzo(g,h,i)perylene	17.19	276	304823	29.263	ng		94

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

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