Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097881.D
Acq On : 19 Aug 2017 16:20
Operator : SJ/JU
Sample : I4846-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Manual Integrations APPROVED
Sohil
8/21/2017 5:20:00 PM

Quant Time: Aug 21 04:31:48 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	6.76	152	162712	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	675070	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	301064	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	514796	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	279517	20.00	ng		-0.02
86) Perylene-d12	15.33	264	291508	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1348292	126.04	ng		0.00
7) Phenol-d6	6.41	99	1885950	129.76	ng		0.00
23) Nitrobenzene-d5	7.33	82	1246396	100.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	355804	136.21	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1734537	84.65	ng		-0.02
78) Terphenyl-d14	12.87	244	1191280	88.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	138690	23.248	ng		88
3) Pyridine	3.22	79	346604	21.016	ng		90
4) n-Nitrosodimethylamine	3.16	42	186671	29.416	ng		83
6) Aniline	6.43	93	492024	24.098	ng		97
8) 2-Chlorophenol	6.55	128	361916	32.081	ng		93
9) Benzaldehyde	6.31	77	148752	16.158	ng		90
10) Phenol	6.42	94	532651	31.335	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	416569	32.468	ng		94
12) 1,3-Dichlorobenzene	6.70	146	357282	29.443	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	358721	29.066	ng	#	94
14) 1,2-Dichlorobenzene	6.93	146	333829	29.335	ng		97
15) Benzyl Alcohol	6.91	79	378876	34.818	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	567666	32.885	ng		90
17) 2-Methylphenol	7.02	107	351508	35.357	ng		95
18) Hexachloroethane	7.27	117	148618	30.715	ng	#	80
19) n-Nitroso-di-n-propylamine	7.19	70	323049	32.469	ng		90
20) 3+4-Methylphenols	7.17	107	402808	33.173	ng		96
22) Acetophenone	7.18	105	549593	30.818	ng	#	91
24) Nitrobenzene	7.35	77	481865	34.826	ng		94
25) Isophorone	7.59	82	929978	35.991	ng		98
26) 2-Nitrophenol	7.66	139	196258	40.121	ng	#	74
27) 2,4-Dimethylphenol	7.70	122	349022	32.388	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	567954	33.433	ng		99
29) 2,4-Dichlorophenol	7.90	162	312048	34.883	ng		92
30) 1,2,4-Trichlorobenzene	7.99	180	307169	30.975	ng		98
31) Naphthalene	8.07	128	1087445	31.029	ng		99
32) Benzoic acid	7.82	122	145531	22.466	ng	#	84
33) 4-Chloroaniline	8.12	127	309355	20.930	ng		99
34) Hexachlorobutadiene	8.19	225	180130	31.111	ng		98
35) Caprolactam	8.50	113	95838m	31.514	ng		
36) 4-Chloro-3-methylphenol	8.60	107	386766	33.651	ng	#	80
37) 2-Methylnaphthalene	8.76	142	731731	34.055	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	293908	31.810	ng	#	98
40) Hexachlorocyclopentadiene	8.92	237	247141	55.678	ng		98

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42) 2,4,6-Trichlorophenol	9.04	196	217468	35.057	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	223193	36.268	ng		96
45) 1,1'-Biphenyl	9.23	154	855668	31.167	ng		96
46) 2-Chloronaphthalene	9.25	162	629054	31.010	ng	#	93
47) 2-Nitroaniline	9.35	65	254268	37.390	ng		96
48) Acenaphthylene	9.66	152	1017859	31.953	ng		99
49) Dimethylphthalate	9.53	163	986302	44.818	ng		99
50) 2,6-Dinitrotoluene	9.59	165	167262	38.077	ng	#	49
51) Acenaphthene	9.83	154	663926	33.047	ng		99
52) 3-Nitroaniline	9.76	138	146044	25.769	ng		97
53) 2,4-Dinitrophenol	9.86	184	89805	47.671	ng	#	74
54) Dibenzofuran	10.00	168	908578	33.744	ng		98
55) 4-Nitrophenol	9.92	139	261839	57.915	ng	#	42
56) 2,4-Dinitrotoluene	9.99	165	213659	38.757	ng	#	62
57) Fluorene	10.35	166	647415	31.099	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	174496	36.623	ng		96
59) Diethylphthalate	10.23	149	832053	36.155	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	312978	32.362	ng		92
61) 4-Nitroaniline	10.37	138	165550	30.734	ng	#	69
62) Azobenzene	10.50	77	947662	34.667	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	73520	33.374	ng	#	74
65) n-Nitrosodiphenylamine	10.46	169	620168	35.377	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	199427	37.305	ng		98
67) Hexachlorobenzene	10.89	284	181007	33.220	ng	#	86
68) Atrazine	10.99	200	191442	41.179	ng		98
69) Pentachlorophenol	11.09	266	185386	58.353	ng		99
70) Phenanthrene	11.31	178	952884	34.736	ng		99
71) Anthracene	11.36	178	917826	32.988	ng		99
72) Carbazole	11.52	167	822080	31.127	ng		98
73) Di-n-butylphthalate	11.85	149	1210944	39.806	ng		99
74) Fluoranthene	12.49	202	906988	31.677	ng		99
76) Benzidine	12.61	184	208578	22.759	ng	#	92
77) Pyrene	12.72	202	886655	38.784	ng		99
79) Butylbenzylphthalate	13.34	149	413304	47.154	ng	#	67
80) Benzo(a)anthracene	13.90	228	594834	35.507	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	160185	28.336	ng	#	96
82) Chrysene	13.94	228	598246	35.898	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	514722	52.995	ng	#	99
84) Di-n-octyl phthalate	14.52	149	912038	53.968	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	607199	49.529	ng		94
87) Benzo(b)fluoranthene	14.93	252	628479	34.204	ng		98
88) Benzo(k)fluoranthene	14.96	252	599712m	34.740	ng		
89) Benzo(a)pyrene	15.28	252	611061	37.565	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	476286	35.965	ng		97
91) Benzo(g,h,i)perylene	17.14	276	493275	35.698	ng	#	92

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

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