Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098137.D
Acq On : 30 Aug 2017 4:47
Operator : SJ/JU
Sample : I4986-03MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-82517MS

Manual Integrations APPROVED
Sohil
8/30/2017 6:45:15 PM

Quant Time: Aug 30 08:01:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133637	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	523641	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	217549	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	353959	20.00	ng		0.00
75) Chrysene-d12	13.89	240	282447	20.00	ng		0.00
86) Perylene-d12	15.31	264	222144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1000712	113.90	ng		0.01
7) Phenol-d6	6.38	99	1259822	105.54	ng		0.00
23) Nitrobenzene-d5	7.30	82	908160	94.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	228731	121.18	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1295614	87.50	ng		-0.01
78) Terphenyl-d14	12.84	244	911166	67.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	167297	34.144	ng	#	76
3) Pyridine	3.25	79	399587	29.500	ng		85
4) n-Nitrosodimethylamine	3.20	42	182896	35.092	ng	#	75
6) Aniline	6.40	93	334781	19.964	ng		98
8) 2-Chlorophenol	6.53	128	363586	39.241	ng		100
9) Benzaldehyde	6.29	77	117184	15.498	ng		92
10) Phenol	6.39	94	450446	32.264	ng		99
11) bis(2-Chloroethyl)ether	6.48	93	422146	40.062	ng		94
12) 1,3-Dichlorobenzene	6.67	146	354199m	35.539	ng		
13) 1,4-Dichlorobenzene	6.75	146	357064	35.226	ng	#	92
14) 1,2-Dichlorobenzene	6.91	146	335751	35.923	ng		97
15) Benzyl Alcohol	6.89	79	351707	39.353	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	545073	38.446	ng		87
17) 2-Methylphenol	7.00	107	322523	39.500	ng		96
18) Hexachloroethane	7.25	117	132994	33.466	ng	#	81
19) n-Nitroso-di-n-propylamine	7.16	70	309517	37.877	ng		89
20) 3+4-Methylphenols	7.15	107	382743	38.379	ng	#	90
22) Acetophenone	7.15	105	545125	39.407	ng	#	90
24) Nitrobenzene	7.32	77	466900	43.503	ng		93
25) Isophorone	7.56	82	849232	42.370	ng		97
26) 2-Nitrophenol	7.64	139	179496	46.364	ng	#	83
27) 2,4-Dimethylphenol	7.68	122	337124	40.330	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	548671	41.638	ng		98
29) 2,4-Dichlorophenol	7.88	162	284220	40.961	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	295285	38.388	ng		99
31) Naphthalene	8.05	128	1056241	38.854	ng		99
32) Benzoic acid	7.81	122	151955	28.025	ng		90
33) 4-Chloroaniline	8.09	127	142544	12.433	ng		98
34) Hexachlorobutadiene	8.16	225	168881	37.603	ng		96
35) Caprolactam	8.47	113	89566m	37.969	ng		
36) 4-Chloro-3-methylphenol	8.59	107	337057	37.807	ng	#	80
37) 2-Methylnaphthalene	8.73	142	685583	41.135	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	277075	41.500	ng		98
40) Hexachlorocyclopentadiene	8.88	237	107587	33.543	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	185524	41.389	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	180469	40.583	ng		96
45) 1,1'-Biphenyl	9.20	154	789872	39.815	ng		96
46) 2-Chloronaphthalene	9.22	162	572383	39.049	ng	#	91
47) 2-Nitroaniline	9.32	65	220738	44.920	ng		97
48) Acenaphthylene	9.64	152	908620	39.473	ng		100
49) Dimethylphthalate	9.50	163	715916	45.020	ng		100
50) 2,6-Dinitrotoluene	9.56	165	144299	45.460	ng	#	56
51) Acenaphthene	9.81	154	540383	37.223	ng		100
52) 3-Nitroaniline	9.73	138	107187	26.173	ng		83
53) 2,4-Dinitrophenol	9.84	184	39219	32.823	ng	#	78
54) Dibenzofuran	9.98	168	800201	41.127	ng		99
55) 4-Nitrophenol	9.90	139	185033	56.638	ng	#	51
56) 2,4-Dinitrotoluene	9.97	165	172676	43.347	ng	#	54
57) Fluorene	10.32	166	575336	38.246	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139324	40.467	ng		95
59) Diethylphthalate	10.20	149	715570	43.030	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	283126	40.513	ng	#	87
61) 4-Nitroaniline	10.35	138	139650	35.878	ng		75
62) Azobenzene	10.47	77	794487	40.220	ng		93
64) 4,6-Dinitro-2-methylphenol	10.37	198	29716	23.048	ng	#	80
65) n-Nitrosodiphenylamine	10.43	169	545684	45.272	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	167222	45.495	ng		94
67) Hexachlorobenzene	10.87	284	155129	41.407	ng	#	90
68) Atrazine	10.96	200	157051	49.131	ng		97
69) Pentachlorophenol	11.06	266	147914	67.714	ng		99
70) Phenanthrene	11.28	178	760843	40.338	ng		100
71) Anthracene	11.33	178	787384	41.158	ng		99
72) Carbazole	11.49	167	716913	39.480	ng		98
73) Di-n-butylphthalate	11.82	149	1039458	49.695	ng		100
74) Fluoranthene	12.47	202	749411	38.066	ng		98
76) Benzidine	12.59	184	274751m	29.668	ng		
77) Pyrene	12.69	202	775538	33.572	ng		98
79) Butylbenzylphthalate	13.32	149	389377	43.963	ng	#	71
80) Benzo(a)anthracene	13.88	228	632740	37.378	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	217248	38.032	ng	#	96
82) Chrysene	13.92	228	635791	37.756	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	544141	55.443	ng	#	100
84) Di-n-octyl phthalate	14.49	149	974420	57.061	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	446299	36.027	ng		95
87) Benzo(b)fluoranthene	14.91	252	608750	43.475	ng		96
88) Benzo(k)fluoranthene	14.93	252	545253	41.447	ng	#	95
89) Benzo(a)pyrene	15.25	252	529249	42.695	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	378539	37.510	ng		97
91) Benzo(g,h,i)perylene	17.10	276	356790	33.883	ng		93

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

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