Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111810.D
Acq On : 2 Jan 2019 15:16
Operator : JU/SJ
Sample : IDOC-01
Misc : BN-W-FE
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDOC-01

Quant Time: Jan 03 03:21:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154668	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	576021	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	302825	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	580267	20.00	ng		0.01
76) Chrysene-d12	14.07	240	383315	20.00	ng		0.02
87) Perylene-d12	15.56	264	387465	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	560228	61.74	ng		0.02
7) Phenol-d6	6.55	99	450018	38.97	ng		0.02
23) Nitrobenzene-d5	7.47	82	1014448	102.51	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	537003	150.08	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1898622	91.39	ng		0.00
79) Terphenyl-d14	13.02	244	2051818	101.51	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	61669	14.445	ng		95
3) Pyridine	3.48	79	141295	12.704	ng		100
4) n-Nitrosodimethylamine	3.41	42	99541	18.287	ng		84
6) Aniline	6.56	93	368926	25.063	ng		93
8) 2-Chlorophenol	6.70	128	373054	37.114	ng		97
9) Benzaldehyde	6.45	77	222813	28.054	ng		98
10) Phenol	6.56	94	177545	13.626	ng	#	51
11) bis(2-Chloroethyl)ether	6.63	93	420894	43.108	ng		97
12) 1,3-Dichlorobenzene	6.85	146	430901	36.991	ng		99
13) 1,4-Dichlorobenzene	6.92	146	443755	37.562	ng		97
14) 1,2-Dichlorobenzene	7.07	146	423535	38.426	ng		99
15) Benzyl Alcohol	7.04	79	263228	28.701	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	703732	39.135	ng		76
17) 2-Methylphenol	7.17	107	245295	30.477	ng	#	83
18) Hexachloroethane	7.42	117	149226	37.484	ng	#	90
19) n-Nitroso-di-n-propylamine	7.32	70	335827	43.789	ng		98
20) 3+4-Methylphenols	7.32	107	277478	27.284	ng	#	84
22) Acetophenone	7.31	105	640465	43.889	ng	#	89
24) Nitrobenzene	7.49	77	498749	48.087	ng		96
25) Isophorone	7.72	82	892949	50.828	ng		98
26) 2-Nitrophenol	7.80	139	240607	57.199	ng	#	90
27) 2,4-Dimethylphenol	7.85	122	357655	43.132	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	553046	47.307	ng		98
29) 2,4-Dichlorophenol	8.05	162	392826	44.044	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	416620	41.918	ng		98
31) Naphthalene	8.21	128	1291275	46.655	ng		97
32) Benzoic acid	7.92	122	43723	7.975	ng		88
33) 4-Chloroaniline	8.25	127	423734	35.422	ng		99
34) Hexachlorobutadiene	8.33	225	241607	39.886	ng		98
35) Caprolactam	8.62	113	18358	6.074	ng	#	84
36) 4-Chloro-3-methylphenol	8.74	107	373151	42.562	ng		99
37) 2-Methylnaphthalene	8.90	142	918839	51.027	ng		98
38) 1-Methylnaphthalene	9.00	142	868590	50.225	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	441938	44.412	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	557438	115.441 ng		99
43) 2,4,6-Trichlorophenol	9.18	196	301824	45.430 ng		100
44) 2,4,5-Trichlorophenol	9.23	196	320077	46.962 ng	#	91
46) 1,1'-Biphenyl	9.36	154	1141019	44.636 ng		96
47) 2-Chloronaphthalene	9.39	162	888515	43.870 ng		95
48) 2-Nitroaniline	9.48	65	289461	54.938 ng		100
49) Acenaphthylene	9.80	152	1442707	48.788 ng		96
50) Dimethylphthalate	9.66	163	1076806	48.626 ng		97
51) 2,6-Dinitrotoluene	9.72	165	241658	54.728 ng		90
52) Acenaphthene	9.98	154	938757	51.472 ng		98
53) 3-Nitroaniline	9.89	138	199507	42.365 ng		97
54) 2,4-Dinitrophenol	10.00	184	175911	120.105 ng		91
55) Dibenzofuran	10.15	168	1289751	46.808 ng		96
56) 4-Nitrophenol	10.06	139	119014	33.116 ng		93
57) 2,4-Dinitrotoluene	10.13	165	330276	62.234 ng	#	97
58) Fluorene	10.49	166	1013107	51.025 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	278280	48.516 ng		91
60) Diethylphthalate	10.36	149	1074456	49.463 ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	511633	46.640 ng		95
62) 4-Nitroaniline	10.51	138	232694	50.839 ng		91
63) Azobenzene	10.64	77	1001468	45.922 ng		97
65) 4,6-Dinitro-2-methylphenol	10.54	198	131410	53.848 ng	#	80
66) n-Nitrosodiphenylamine	10.60	169	904525	46.437 ng		98
67) 4-Bromophenyl-phenylether	10.97	248	336977	46.821 ng		97
68) Hexachlorobenzene	11.05	284	374932	46.722 ng		95
69) Atrazine	11.13	200	311043	45.965 ng		97
70) Pentachlorophenol	11.24	266	325169	65.545 ng		95
71) Phenanthrene	11.46	178	1504337	48.884 ng		95
72) Anthracene	11.51	178	1540416	49.870 ng		96
73) Carbazole	11.66	167	1304468	43.498 ng		96
74) Di-n-butylphthalate	11.99	149	1631772	48.530 ng		96
75) Fluoranthene	12.64	202	1439713	46.200 ng		95
77) Benzidine	12.76	184	501501	34.769 ng		96
78) Pyrene	12.87	202	1427866	52.750 ng		97
80) Butylbenzylphthalate	13.48	149	594404	53.871 ng		92
81) Benzo(a)anthracene	14.06	228	1128705	51.596 ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	353213	40.866 ng	#	96
83) Chrysene	14.10	228	1038189	48.287 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	783490	56.372 ng		98
85) Di-n-octyl phthalate	14.66	149	1181083	54.848 ng		94
86) Indeno(1,2,3-cd)pyrene	17.07	276	1242338	67.971 ng	#	87
88) Benzo(b)fluoranthene	15.12	252	1039669	45.912 ng	#	95
89) Benzo(k)fluoranthene	15.15	252	1013250	47.000 ng	#	97
90) Benzo(a)pyrene	15.50	252	1019908	49.575 ng	#	93
91) Dibenzo(a,h)anthracene	17.09	278	1030896	57.223 ng	#	91
92) Benzo(g,h,i)perylene	17.53	276	1041879	59.226 ng	#	87

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

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