Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112110.D
Acq On : 18 Jan 2019 1:35
Operator : JU/SJ
Sample : PB116445BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116445BS

Quant Time: Jan 18 03:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	304182	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1124719	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	517766	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	833546	20.00	ng		0.00
76) Chrysene-d12	14.03	240	638505	20.00	ng		0.00
87) Perylene-d12	15.50	264	515338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1187021	70.83	ng		0.00
7) Phenol-d6	6.50	99	1464742	69.86	ng		0.00
23) Nitrobenzene-d5	7.42	82	1301261	79.93	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	370768	66.38	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2533169	71.73	ng		0.00
79) Terphenyl-d14	12.97	244	1883332	62.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	217655	27.691	ng		99
3) Pyridine	3.45	79	602609	30.611	ng		99
4) n-Nitrosodimethylamine	3.39	42	279463	34.964	ng		98
6) Aniline	6.52	93	214469	8.410	ng	#	1
8) 2-Chlorophenol	6.65	128	662043	34.014	ng		96
9) Benzaldehyde	6.40	77	182512	12.340	ng		98
10) Phenol	6.52	94	738081	32.208	ng		80
11) bis(2-Chloroethyl)ether	6.59	93	588899	32.320	ng		98
12) 1,3-Dichlorobenzene	6.80	146	713051	32.101	ng		99
13) 1,4-Dichlorobenzene	6.88	146	727080	32.000	ng		99
14) 1,2-Dichlorobenzene	7.03	146	680044	32.493	ng		98
15) Benzyl Alcohol	7.00	79	523196	33.491	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	830517	31.608	ng		90
17) 2-Methylphenol	7.12	107	501961	34.340	ng		98
18) Hexachloroethane	7.37	117	222497	29.340	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	432578	33.864	ng		99
20) 3+4-Methylphenols	7.27	107	650176	36.685	ng	#	76
22) Acetophenone	7.27	105	841224	32.284	ng	#	97
24) Nitrobenzene	7.44	77	637804	36.968	ng		100
25) Isophorone	7.68	82	1143339	36.361	ng		98
26) 2-Nitrophenol	7.76	139	310274	36.550	ng		95
27) 2,4-Dimethylphenol	7.80	122	556495	38.127	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	747982	34.679	ng		98
29) 2,4-Dichlorophenol	8.01	162	543208	34.069	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	606101	32.756	ng		99
31) Naphthalene	8.17	128	1801760	35.221	ng		99
32) Benzoic acid	7.92	122	175131	31.606	ng		100
33) 4-Chloroaniline	8.21	127	150899	6.564	ng		98
34) Hexachlorobutadiene	8.29	225	325557	31.616	ng		98
35) Caprolactam	8.57	113	168811	30.250	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	514429	33.034	ng		99
37) 2-Methylnaphthalene	8.86	142	1267156	36.478	ng		99
38) 1-Methylnaphthalene	8.96	142	1186087	35.528	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	583334	35.085	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	79814	18.693 ng	97
43) 2,4,6-Trichlorophenol	9.14	196	366114	36.810 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	378297	35.711 ng	99
46) 1,1'-Biphenyl	9.32	154	1491088	34.441 ng	99
47) 2-Chloronaphthalene	9.35	162	1147583	33.863 ng	98
48) 2-Nitroaniline	9.44	65	307634	40.301 ng	90
49) Acenaphthylene	9.76	152	1758278	35.554 ng	100
50) Dimethylphthalate	9.62	163	1361362	36.053 ng	100
51) 2,6-Dinitrotoluene	9.68	165	284589	37.740 ng	95
52) Acenaphthene	9.93	154	1016190	33.584 ng	100
53) 3-Nitroaniline	9.85	138	122295	14.503 ng	88
54) 2,4-Dinitrophenol	9.96	184	35512	27.631 ng	95
55) Dibenzofuran	10.10	168	1528013	33.393 ng	99
56) 4-Nitrophenol	10.03	139	342020	58.392 ng	99
57) 2,4-Dinitrotoluene	10.09	165	337860	36.153 ng	94
58) Fluorene	10.45	166	1177114	34.430 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	281205	35.178 ng	98
60) Diethylphthalate	10.32	149	1297343	35.198 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	602378	32.652 ng	97
62) 4-Nitroaniline	10.46	138	235047	28.071 ng	94
63) Azobenzene	10.60	77	1109502	31.433 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	41210	19.437 ng	97
66) n-Nitrosodiphenylamine	10.56	169	1059192	38.437 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	353612	36.523 ng	94
68) Hexachlorobenzene	11.00	284	351880	33.739 ng	95
69) Atrazine	11.08	200	337361	37.939 ng	98
70) Pentachlorophenol	11.20	266	255271	53.126 ng	100
71) Phenanthrene	11.41	178	1494375	35.624 ng	99
72) Anthracene	11.46	178	1531468	36.039 ng	100
73) Carbazole	11.62	167	1334523	31.350 ng	99
74) Di-n-butylphthalate	11.94	149	1808285	37.764 ng	100
75) Fluoranthene	12.60	202	1434733	32.393 ng	99
77) Benzidine	12.72	184	604683	28.384 ng	95
78) Pyrene	12.83	202	1436666	34.104 ng	99
80) Butylbenzylphthalate	13.44	149	674138	36.478 ng	97
81) Benzo(a)anthracene	14.02	228	1299855	35.505 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	414201	30.211 ng	99
83) Chrysene	14.06	228	1240223	35.802 ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	980151	37.006 ng	98
85) Di-n-octyl phthalate	14.61	149	1604321	39.313 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	932715	29.184 ng	100
88) Benzo(b)fluoranthene	15.07	252	1168236	39.936 ng	99
89) Benzo(k)fluoranthene	15.10	252	1025821	36.232 ng	99
90) Benzo(a)pyrene	15.44	252	992192	36.985 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	797757	33.481 ng	98
92) Benzo(g,h,i)perylene	17.43	276	747821	31.858 ng	98

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

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