Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111818.D
Acq On : 3 Jan 2019 13:57
Operator : JU/SJ
Sample : PB116115BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116115BS

Manual Integrations APPROVED
Sohil
1/4/2019 9:56:33 AM

Quant Time: Jan 04 00:18:34 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	266977	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1005660	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	521682	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	983982	20.00	ng		0.01
76) Chrysene-d12	14.07	240	789126	20.00	ng		0.02
87) Perylene-d12	15.55	264	611024	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1849752	118.10	ng		0.04
7) Phenol-d6	6.55	99	2350991	117.94	ng		0.03
23) Nitrobenzene-d5	7.46	82	1289776	74.65	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	787344	127.73	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	2437785	68.11	ng		0.00
79) Terphenyl-d14	13.01	244	2781670	66.85	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	258779	35.116	ng		96
3) Pyridine	3.56	79	716510	37.321	ng		97
4) n-Nitrosodimethylamine	3.52	42	384339	40.905	ng		90
6) Aniline	6.56	93	745006	29.321	ng	#	1
8) 2-Chlorophenol	6.70	128	715852	41.259	ng		98
9) Benzaldehyde	6.45	77	189485	13.822	ng		97
10) Phenol	6.56	94	849542	37.773	ng		75
11) bis(2-Chloroethyl)ether	6.64	93	682384	40.489	ng		100
12) 1,3-Dichlorobenzene	6.85	146	800981	39.835	ng		98
13) 1,4-Dichlorobenzene	6.92	146	808422	39.644	ng		98
14) 1,2-Dichlorobenzene	7.07	146	760654	39.981	ng		97
15) Benzyl Alcohol	7.05	79	638267	40.318	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1153328	37.156	ng		85
17) 2-Methylphenol	7.16	107	585054	42.112	ng	#	93
18) Hexachloroethane	7.42	117	285035	41.479	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	501385	37.875	ng		99
20) 3+4-Methylphenols	7.32	107	719969	41.013	ng	#	84
22) Acetophenone	7.31	105	952644	37.392	ng	#	94
24) Nitrobenzene	7.48	77	771023	42.579	ng		98
25) Isophorone	7.72	82	1371465	44.714	ng		99
26) 2-Nitrophenol	7.80	139	385015	52.426	ng		94
27) 2,4-Dimethylphenol	7.85	122	652598	45.078	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	875887	42.914	ng		98
29) 2,4-Dichlorophenol	8.05	162	653378	41.960	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	691610	39.858	ng		97
31) Naphthalene	8.21	128	2071787	42.876	ng		98
32) Benzoic acid	7.97	122	393435	41.103	ng		94
33) 4-Chloroaniline	8.25	127	523004	25.042	ng		99
34) Hexachlorobutadiene	8.33	225	417715	39.498	ng		98
35) Caprolactam	8.62	113	202238m	38.329	ng		
36) 4-Chloro-3-methylphenol	8.75	107	640629	41.853	ng		97
37) 2-Methylnaphthalene	8.90	142	1424140	45.301	ng		99
38) 1-Methylnaphthalene	9.00	142	1344788	44.540	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	672464	39.228	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	917957	110.350	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	468982	40.976	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	490329	41.760	ng		91
46) 1,1'-Biphenyl	9.36	154	1724815	39.167	ng		96
47) 2-Chloronaphthalene	9.39	162	1368379	39.219	ng		95
48) 2-Nitroaniline	9.48	65	424120	46.726	ng		96
49) Acenaphthylene	9.80	152	2148298	42.171	ng		98
50) Dimethylphthalate	9.66	163	1590270	41.686	ng		98
51) 2,6-Dinitrotoluene	9.72	165	364367	47.900	ng		98
52) Acenaphthene	9.98	154	1429414	45.495	ng		99
53) 3-Nitroaniline	9.89	138	272061	33.535	ng		92
54) 2,4-Dinitrophenol	10.00	184	358286	140.666	ng		90
55) Dibenzofuran	10.15	168	1914274	40.327	ng		94
56) 4-Nitrophenol	10.07	139	575790	93.001	ng		96
57) 2,4-Dinitrotoluene	10.13	165	488672	53.451	ng		97
58) Fluorene	10.49	166	1488900	43.529	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	448188	45.357	ng	#	86
60) Diethylphthalate	10.36	149	1525264	40.759	ng		97
61) 4-Chlorophenyl-phenylether	10.48	204	750355	39.706	ng		91
62) 4-Nitroaniline	10.51	138	374308	47.471	ng		93
63) Azobenzene	10.64	77	1481187	39.426	ng		96
65) 4,6-Dinitro-2-methylphenol	10.54	198	229893	55.341	ng	#	78
66) n-Nitrosodiphenylamine	10.60	169	1332201	40.333	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	498763	40.867	ng		94
68) Hexachlorobenzene	11.05	284	558936	41.075	ng		93
69) Atrazine	11.13	200	455308	39.679	ng		95
70) Pentachlorophenol	11.24	266	562201	66.829	ng		97
71) Phenanthrene	11.46	178	2174433	41.668	ng		97
72) Anthracene	11.51	178	2235745	42.684	ng		97
73) Carbazole	11.66	167	1981126	38.958	ng		96
74) Di-n-butylphthalate	11.98	149	2329075	40.849	ng		98
75) Fluoranthene	12.64	202	2237764	42.347	ng		97
77) Benzidine	12.76	184	868000	29.231	ng		98
78) Pyrene	12.87	202	2245250	40.291	ng		98
80) Butylbenzylphthalate	13.48	149	967927	42.611	ng		92
81) Benzo(a)anthracene	14.06	228	1951371	43.330	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	561427	31.552	ng	#	97
83) Chrysene	14.10	228	1843063	41.639	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1306734	45.670	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1996949	45.046	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	1521928	40.447	ng	#	89
88) Benzo(b)fluoranthene	15.12	252	1688347	47.278	ng	#	95
89) Benzo(k)fluoranthene	15.15	252	1517280	44.629	ng	#	97
90) Benzo(a)pyrene	15.49	252	1519241	46.827	ng	#	94
91) Dibenzo(a,h)anthracene	17.07	278	1257971	44.279	ng	#	91
92) Benzo(g,h,i)perylene	17.52	276	1257612	45.333	ng	#	87

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

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