Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117736.D
Acq On : 8 Nov 2019 17:36
Operator : JU
Sample : PB124647BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124647BS

Manual Integrations APPROVED
mohammad
11/11/2019 8:06:13 AM

Quant Time: Nov 09 03:08:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	349745	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1397620	20.00	ng		-0.01
39) Acenaphthene-d10	9.98	164	769706	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1485653	20.00	ng		0.00
76) Chrysene-d12	14.12	240	908249	20.00	ng		0.00
87) Perylene-d12	15.63	264	876459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2182485	112.96	ng		0.00
7) Phenol-d6	6.55	99	2051428	86.11	ng		0.00
23) Nitrobenzene-d5	7.50	82	2001940	84.57	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	990997	131.62	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3467779	88.89	ng		0.00
79) Terphenyl-d14	13.06	244	4364338	98.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	288936	30.013	ng		100
3) Pyridine	3.55	79	499315	18.856	ng		98
4) n-Nitrosodimethylamine	3.49	42	393033	33.680	ng		98
6) Aniline	6.59	93	810268	24.234	ng		99
8) 2-Chlorophenol	6.72	128	1058276	49.236	ng		99
9) Benzaldehyde	6.48	77	666493	40.207	ng		98
10) Phenol	6.56	94	776408	30.245	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	945859	44.620	ng		99
12) 1,3-Dichlorobenzene	6.87	146	1004502	40.317	ng		98
13) 1,4-Dichlorobenzene	6.95	146	1025286	41.110	ng		98
14) 1,2-Dichlorobenzene	7.10	146	955315	41.601	ng		98
15) Benzyl Alcohol	7.07	79	933230	49.129	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1416638	42.267	ng		98
17) 2-Methylphenol	7.17	107	921764	49.933	ng		99
18) Hexachloroethane	7.45	117	357085	38.734	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	695969	44.429	ng		98
20) 3+4-Methylphenols	7.33	107	1024666	46.615	ng		94
22) Acetophenone	7.34	105	1353246	42.364	ng	#	99
24) Nitrobenzene	7.52	77	1078845	43.643	ng		98
25) Isophorone	7.76	82	1999148	44.153	ng		99
26) 2-Nitrophenol	7.83	139	560551	48.845	ng		98
27) 2,4-Dimethylphenol	7.86	122	988384	51.078	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	1227466	42.233	ng		99
29) 2,4-Dichlorophenol	8.07	162	928031	46.550	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	914091	40.053	ng		99
31) Naphthalene	8.24	128	2763483	43.259	ng		100
32) Benzoic acid	7.96	122	388809	25.383	ng		94
33) 4-Chloroaniline	8.28	127	404664	13.632	ng		98
34) Hexachlorobutadiene	8.36	225	492469	37.681	ng		99
35) Caprolactam	8.65	113	98444m	14.898	ng		
36) 4-Chloro-3-methylphenol	8.76	107	989467	49.185	ng		99
37) 2-Methylnaphthalene	8.93	142	1960632	45.082	ng		99
38) 1-Methylnaphthalene	9.03	142	1858729	45.006	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	852097	40.466	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	845310	74.411	ng		99
43) 2,4,6-Trichlorophenol	9.21	196	682682	44.514	ng		100
44) 2,4,5-Trichlorophenol	9.25	196	724756	46.622	ng		96
46) 1,1'-Biphenyl	9.40	154	2354852	43.684	ng		99
47) 2-Chloronaphthalene	9.43	162	1883556	42.104	ng		99
48) 2-Nitroaniline	9.52	65	616665	43.988	ng		98
49) Acenaphthylene	9.85	152	2909134	44.654	ng		100
50) Dimethylphthalate	9.70	163	2290569	44.020	ng		99
51) 2,6-Dinitrotoluene	9.76	165	537665	46.144	ng		97
52) Acenaphthene	10.02	154	1851591	44.044	ng		99
53) 3-Nitroaniline	9.93	138	332221	23.633	ng		95
54) 2,4-Dinitrophenol	10.03	184	270904	67.818	ng	#	74
55) Dibenzofuran	10.19	168	2617193	44.491	ng		99
56) 4-Nitrophenol	10.08	139	652517	61.723	ng		99
57) 2,4-Dinitrotoluene	10.16	165	725510	48.539	ng		90
58) Fluorene	10.53	166	1917289	44.223	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	590891	45.726	ng		100
60) Diethylphthalate	10.40	149	2283681	44.626	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	993408	44.017	ng		99
62) 4-Nitroaniline	10.55	138	608011	43.945	ng		99
63) Azobenzene	10.69	77	2155709	44.477	ng		95
65) 4,6-Dinitro-2-methylphenol	10.57	198	219039	36.923	ng		86
66) n-Nitrosodiphenylamine	10.64	169	1864547	42.493	ng		100
67) 4-Bromophenyl-phenylether	11.02	248	679230	41.863	ng		98
68) Hexachlorobenzene	11.08	284	766940	40.918	ng		97
69) Atrazine	11.17	200	699937	48.407	ng		100
70) Pentachlorophenol	11.27	266	707695	67.541	ng		98
71) Phenanthrene	11.50	178	2989708	41.984	ng		99
72) Anthracene	11.55	178	3050437	43.057	ng		97
73) Carbazole	11.70	167	2815414	43.472	ng		99
74) Di-n-butylphthalate	12.03	149	3423452	43.472	ng		99
75) Fluoranthene	12.69	202	3153576	43.371	ng		97
77) Benzidine	12.80	184	612160	19.386	ng		96
78) Pyrene	12.92	202	3188002	48.083	ng		99
80) Butylbenzylphthalate	13.53	149	1541032	50.320	ng		99
81) Benzo(a)anthracene	14.11	228	2440664	43.171	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	605254	28.665	ng		97
83) Chrysene	14.15	228	2414941	43.255	ng		100
84) Bis(2-ethylhexyl)phthalate	14.10	149	2032153	51.442	ng		98
85) Di-n-octyl phthalate	14.72	149	3290733	52.936	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	2534211	48.768	ng		99
88) Benzo(b)fluoranthene	15.18	252	2315558	41.948	ng		98
89) Benzo(k)fluoranthene	15.22	252	2112451	42.907	ng		99
90) Benzo(a)pyrene	15.56	252	1998641	41.767	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	2079437	48.453	ng		98
92) Benzo(g,h,i)perylene	17.63	276	2111239	50.761	ng		99

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

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