Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117737.D
Acq On : 8 Nov 2019 18:02
Operator : JU
Sample : PB124647BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124647BSD

Manual Integrations APPROVED
mohammad
11/11/2019 8:06:09 AM

Quant Time: Nov 09 02:43:03 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	349017	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1391492	20.00	ng		-0.01
39) Acenaphthene-d10	9.98	164	768461	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1459859	20.00	ng		0.00
76) Chrysene-d12	14.12	240	898629	20.00	ng		0.00
87) Perylene-d12	15.63	264	860367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1432051	74.27	ng		0.00
7) Phenol-d6	6.55	99	1176598	49.49	ng		-0.01
23) Nitrobenzene-d5	7.50	82	2029145	86.09	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	1010278	134.39	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3555467	91.29	ng		0.00
79) Terphenyl-d14	13.06	244	4022245	92.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	207808	21.631	ng		98
3) Pyridine	3.53	79	536921	20.318	ng		99
4) n-Nitrosodimethylamine	3.47	42	268254	23.035	ng		97
6) Aniline	6.59	93	1073498	32.174	ng		99
8) 2-Chlorophenol	6.72	128	934084	43.549	ng		99
9) Benzaldehyde	6.47	77	660559	39.932	ng		97
10) Phenol	6.56	94	440349	17.189	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	947364	44.784	ng		97
12) 1,3-Dichlorobenzene	6.87	146	1026065	41.269	ng		97
13) 1,4-Dichlorobenzene	6.95	146	1060224	42.599	ng		98
14) 1,2-Dichlorobenzene	7.10	146	993585	43.358	ng		98
15) Benzyl Alcohol	7.06	79	675002	35.609	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1430298	42.763	ng		99
17) 2-Methylphenol	7.17	107	688621	37.381	ng		99
18) Hexachloroethane	7.45	117	381557	41.475	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	708309	45.311	ng		96
20) 3+4-Methylphenols	7.33	107	737197	33.607	ng	#	88
22) Acetophenone	7.34	105	1371757	43.133	ng	#	98
24) Nitrobenzene	7.52	77	1098541	44.636	ng		97
25) Isophorone	7.75	82	2011995	44.633	ng		98
26) 2-Nitrophenol	7.83	139	574879	50.314	ng		99
27) 2,4-Dimethylphenol	7.86	122	927652	48.150	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	1246742	43.085	ng		99
29) 2,4-Dichlorophenol	8.07	162	903854	45.537	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	931996	41.017	ng		99
31) Naphthalene	8.24	128	2825679	44.427	ng		100
32) Benzoic acid	7.93	122	186893m	12.255	ng		
33) 4-Chloroaniline	8.28	127	637645	21.576	ng		98
34) Hexachlorobutadiene	8.36	225	511755	39.329	ng		99
35) Caprolactam	8.65	113	71491m	10.867	ng		
36) 4-Chloro-3-methylphenol	8.76	107	905256	45.197	ng		98
37) 2-Methylnaphthalene	8.93	142	1985182	45.848	ng		100
38) 1-Methylnaphthalene	9.03	142	1882172	45.774	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	867766	41.277	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	842980	74.326	ng		98
43) 2,4,6-Trichlorophenol	9.21	196	694235	45.341	ng		100
44) 2,4,5-Trichlorophenol	9.25	196	734460	47.323	ng		95
46) 1,1'-Biphenyl	9.40	154	2366181	43.965	ng		99
47) 2-Chloronaphthalene	9.43	162	1893605	42.398	ng		99
48) 2-Nitroaniline	9.52	65	615810	43.998	ng		99
49) Acenaphthylene	9.85	152	2966819	45.613	ng		99
50) Dimethylphthalate	9.70	163	2334691	44.941	ng		99
51) 2,6-Dinitrotoluene	9.76	165	559193	48.070	ng	#	85
52) Acenaphthene	10.02	154	1908640	45.475	ng		99
53) 3-Nitroaniline	9.93	138	312159	22.242	ng		91
54) 2,4-Dinitrophenol	10.03	184	311401	78.082	ng	#	75
55) Dibenzofuran	10.19	168	2666330	45.400	ng		99
56) 4-Nitrophenol	10.07	139	374811	35.511	ng		98
57) 2,4-Dinitrotoluene	10.16	165	735711	49.302	ng		92
58) Fluorene	10.53	166	1960005	45.281	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	615161	47.681	ng		99
60) Diethylphthalate	10.40	149	2303583	45.088	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	1001924	44.466	ng		99
62) 4-Nitroaniline	10.54	138	536141	38.813	ng		96
63) Azobenzene	10.69	77	2181037	45.072	ng		95
65) 4,6-Dinitro-2-methylphenol	10.57	198	247800	42.509	ng		84
66) n-Nitrosodiphenylamine	10.64	169	1895123	43.953	ng		100
67) 4-Bromophenyl-phenylether	11.02	248	687839	43.143	ng		96
68) Hexachlorobenzene	11.08	284	782068	42.462	ng		98
69) Atrazine	11.17	200	704246	49.566	ng		98
70) Pentachlorophenol	11.27	266	763716	74.176	ng		99
71) Phenanthrene	11.50	178	3034123	43.361	ng		99
72) Anthracene	11.55	178	3120602	44.826	ng		98
73) Carbazole	11.70	167	2854968	44.861	ng		99
74) Di-n-butylphthalate	12.03	149	3421257	44.211	ng		98
75) Fluoranthene	12.69	202	3105613	43.466	ng		98
77) Benzidine	12.80	184	783695	25.084	ng		97
78) Pyrene	12.92	202	3168899	48.307	ng		98
80) Butylbenzylphthalate	13.54	149	1538876	50.788	ng		92
81) Benzo(a)anthracene	14.11	228	2459921	43.977	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	736922	35.275	ng		97
83) Chrysene	14.15	228	2434021	44.063	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	2046408	52.357	ng		98
85) Di-n-octyl phthalate	14.72	149	3302176	53.689	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	2507241	48.766	ng		100
88) Benzo(b)fluoranthene	15.18	252	2380501	43.931	ng		99
89) Benzo(k)fluoranthene	15.22	252	2105141	43.558	ng		99
90) Benzo(a)pyrene	15.56	252	2001696	42.613	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	2104578	49.956	ng		99
92) Benzo(g,h,i)perylene	17.63	276	2075983	50.847	ng		99

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

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