Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117926.D
Acq On : 22 Nov 2019 19:03
Operator : JU
Sample : PB125013BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125013BS

Manual Integrations APPROVED
mohammad
11/25/2019 8:19:28 AM

Quant Time: Nov 25 03:40:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207678	20.00	ng		-0.02
21) Naphthalene-d8	8.20	136	1040194	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	565247	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	1032685	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	665030	20.00	ng		-0.01
87) Perylene-d12	15.60	264	475454	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1665858	141.99	ng		0.00
7) Phenol-d6	6.54	99	2038823	144.07	ng		0.00
23) Nitrobenzene-d5	7.47	82	1174746	67.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.76	330	735732	122.95	ng		-0.01
45) 2-Fluorobiphenyl	9.27	172	2301038	73.03	ng		-0.02
79) Terphenyl-d14	13.04	244	2417696	66.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	193190	35.227	ng		97
3) Pyridine	3.54	79	502403	34.923	ng		99
4) n-Nitrosodimethylamine	3.49	42	274193	43.663	ng		96
6) Aniline	6.57	93	674268	36.056	ng		99
8) 2-Chlorophenol	6.70	128	715006	56.163	ng		97
9) Benzaldehyde	6.45	77	290500	29.260	ng		98
10) Phenol	6.56	94	847432	57.628	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	644147	54.547	ng		97
12) 1,3-Dichlorobenzene	6.85	146	665484	44.401	ng		99
13) 1,4-Dichlorobenzene	6.92	146	668648	44.136	ng		97
14) 1,2-Dichlorobenzene	7.08	146	721860	49.821	ng		98
15) Benzyl Alcohol	7.05	79	638933	58.481	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	892866	49.109	ng		97
17) 2-Methylphenol	7.16	107	630089	58.444	ng		98
18) Hexachloroethane	7.42	117	281313	50.547	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	489759	56.099	ng		95
20) 3+4-Methylphenols	7.31	107	751850	56.180	ng	#	86
22) Acetophenone	7.32	105	980418	41.952	ng	#	97
24) Nitrobenzene	7.49	77	763094	42.273	ng		100
25) Isophorone	7.73	82	1435399	44.756	ng		98
26) 2-Nitrophenol	7.81	139	400219	45.551	ng		98
27) 2,4-Dimethylphenol	7.85	122	698407	51.155	ng		100
28) bis(2-Chloroethoxy)methane	7.94	93	840453	41.296	ng		99
29) 2,4-Dichlorophenol	8.05	162	659383	44.525	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	685489	39.905	ng		100
31) Naphthalene	8.22	128	2118651	43.690	ng		100
32) Benzoic acid	7.99	122	567899	49.678	ng		98
33) 4-Chloroaniline	8.26	127	559383	25.767	ng		99
34) Hexachlorobutadiene	8.33	225	394919	39.321	ng		99
35) Caprolactam	8.65	113	205675m	43.699	ng		
36) 4-Chloro-3-methylphenol	8.75	107	688159	45.787	ng		99
37) 2-Methylnaphthalene	8.91	142	1460698	44.581	ng		99
38) 1-Methylnaphthalene	9.01	142	1391006	44.906	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	646035	39.356	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	707305	76.888 ng	99
43) 2,4,6-Trichlorophenol	9.19	196	492938	41.925 ng	96
44) 2,4,5-Trichlorophenol	9.23	196	531967	43.576 ng	99
46) 1,1'-Biphenyl	9.38	154	1756559	41.887 ng	98
47) 2-Chloronaphthalene	9.40	162	1371141	39.745 ng	98
48) 2-Nitroaniline	9.50	65	439548	42.202 ng	96
49) Acenaphthylene	9.82	152	2159148	42.927 ng	99
50) Dimethylphthalate	9.68	163	1661683	41.922 ng	100
51) 2,6-Dinitrotoluene	9.74	165	385779	44.532 ng	97
52) Acenaphthene	9.99	154	1286594	39.931 ng	97
53) 3-Nitroaniline	9.91	138	294756	28.435 ng	96
54) 2,4-Dinitrophenol	10.02	184	427495	94.593 ng	90
55) Dibenzofuran	10.17	168	1718724	38.521 ng	99
56) 4-Nitrophenol	10.08	139	675484	87.301 ng	91
57) 2,4-Dinitrotoluene	10.15	165	466284	42.313 ng	95
58) Fluorene	10.51	166	1440544	41.664 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	436859	43.553 ng	99
60) Diethylphthalate	10.38	149	1643929	42.540 ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	722216	41.160 ng	96
62) 4-Nitroaniline	10.53	138	379308	36.546 ng	99
63) Azobenzene	10.66	77	1462680	41.604 ng	96
65) 4,6-Dinitro-2-methylphenol	10.56	198	292644	60.703 ng	95
66) n-Nitrosodiphenylamine	10.62	169	1331728	44.311 ng	99
67) 4-Bromophenyl-phenylether	10.99	248	467871	41.990 ng	94
68) Hexachlorobenzene	11.06	284	544208	41.886 ng	96
69) Atrazine	11.15	200	450355	45.553 ng	98
70) Pentachlorophenol	11.26	266	643444	84.767 ng	99
71) Phenanthrene	11.48	178	2171481	41.824 ng	100
72) Anthracene	11.53	178	2181981	42.387 ng	99
73) Carbazole	11.68	167	1924497	42.782 ng	99
74) Di-n-butylphthalate	12.01	149	2337821	41.740 ng	99
75) Fluoranthene	12.67	202	2220045	47.348 ng	97
77) Benzidine	12.79	184	244836	11.239 ng	98
78) Pyrene	12.90	202	2154375	40.085 ng	99
80) Butylbenzylphthalate	13.52	149	910364	39.438 ng	97
81) Benzo(a)anthracene	14.09	228	1796866	40.888 ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	548396	35.675 ng	99
83) Chrysene	14.13	228	1660762	39.000 ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	1257397	44.931 ng	99
85) Di-n-octyl phthalate	14.69	149	1900739	46.232 ng	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1409494	38.890 ng	99
88) Benzo(b)fluoranthene	15.16	252	1552030	50.243 ng	99
89) Benzo(k)fluoranthene	15.19	252	1455132	49.995 ng	99
90) Benzo(a)pyrene	15.54	252	1295840	47.706 ng	100
91) Dibenzo(a,h)anthracene	17.15	278	1159661	49.601 ng	99
92) Benzo(g,h,i)perylene	17.60	276	1170321	50.256 ng	99

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

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