Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122010.D
Acq On : 16 Oct 2020 14:18
Operator : JU/CG
Sample : PB132413BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132413BS

Manual Integrations APPROVED
mohammad
10/19/2020 1:23:59 PM

Quant Time: Oct 16 15:28:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	110427	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	426724	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	217054	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	403086	20.00	ng		0.00
76) Chrysene-d12	13.910	240	311103	20.00	ng		0.00
86) Perylene-d12	15.339	264	248497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	837483	111.93	ng		0.01
7) Phenol-d6	6.398	99	1050577	109.08	ng		0.00
23) Nitrobenzene-d5	7.316	82	730616	87.81	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	309900	115.42	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1204840	81.67	ng		0.00
79) Terphenyl-d14	12.851	244	1264724	77.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	126320	38.39	ng		99
3) Pyridine	3.269	79	358591	41.44	ng		98
4) n-Nitrosodimethylamine	3.228	42	187465	44.83	ng		98
6) Aniline	6.410	93	404973	34.15	ng	#	30
8) 2-Chlorophenol	6.534	128	342564	45.30	ng		98
9) Benzaldehyde	6.298	77	175390	30.45	ng		97
10) Phenol	6.410	94	416233	41.88	ng		85
11) bis(2-Chloroethyl)ether	6.481	93	338230	44.02	ng		100
12) 1,3-Dichlorobenzene	6.681	146	366625	43.10	ng		100
13) 1,4-Dichlorobenzene	6.763	146	371162	43.46	ng		98
14) 1,2-Dichlorobenzene	6.910	146	347890	44.56	ng		97
15) Benzyl Alcohol	6.898	79	294424	47.26	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	504988	42.71	ng		61
17) 2-Methylphenol	7.016	107	274387	42.44	ng	#	90
18) Hexachloroethane	7.251	117	136055	44.10	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	238650	43.52	ng		98
20) 3+4-Methylphenols	7.169	107	342228	43.89	ng	#	77
22) Acetophenone	7.163	105	459218	41.82	ng	#	95
24) Nitrobenzene	7.333	77	374050	42.06	ng		99
25) Isophorone	7.575	82	655768	41.68	ng		99
26) 2-Nitrophenol	7.651	139	179705	43.88	ng		99
27) 2,4-Dimethylphenol	7.692	122	294141	42.13	ng		100
28) bis(2-Chloroethoxy)met...	7.780	93	412202	41.87	ng		98
29) 2,4-Dichlorophenol	7.898	162	277819	42.49	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	291196	41.89	ng		99
31) Naphthalene	8.051	128	949585	41.54	ng		99
32) Benzoic acid	7.857	122	162556	41.90	ng		99
33) 4-Chloroaniline	8.104	127	298705	30.68	ng		99
34) Hexachlorobutadiene	8.163	225	175032	42.46	ng		99
35) Caprolactam	8.492	113	92513m	44.56	ng		
36) 4-Chloro-3-methylphenol	8.604	107	306676	43.67	ng		98
37) 2-Methylnaphthalene	8.739	142	614987	41.54	ng		99
38) 1-Methylnaphthalene	8.839	142	568338	41.45	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	287847	41.09	ng		100
41) Hexachlorocyclopentadiene	8.892	237	147856	70.51	ng		98
43) 2,4,6-Trichlorophenol	9.027	196	187591	43.40	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	198222	42.46	ng		99
46) 1,1'-Biphenyl	9.204	154	729545	41.34	ng		100
47) 2-Chloronaphthalene	9.227	162	578228	42.13	ng		99
48) 2-Nitroaniline	9.333	65	203835	45.02	ng		94
49) Acenaphthylene	9.645	152	875983	41.56	ng		100
50) Dimethylphthalate	9.510	163	681338	42.93	ng		99
51) 2,6-Dinitrotoluene	9.574	165	152817	43.89	ng		98
52) Acenaphthene	9.816	154	529359	42.22	ng		99
53) 3-Nitroaniline	9.745	138	124237	31.38	ng		95
54) 2,4-Dinitrophenol	9.869	184	138927	78.39	ng		94
55) Dibenzofuran	9.986	168	749682	40.88	ng		97
56) 4-Nitrophenol	9.933	139	161373	74.92	ng		87
57) 2,4-Dinitrotoluene	9.986	165	189003	44.10	ng	#	83
58) Fluorene	10.327	166	619601	41.94	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	166886	46.21	ng		97
60) Diethylphthalate	10.204	149	655992	42.86	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	296682	41.88	ng		100
62) 4-Nitroaniline	10.369	138	155470	39.30	ng		98
63) Azobenzene	10.480	77	685412	42.35	ng		98
65) 4,6-Dinitro-2-methylph...	10.398	198	111403	41.87	ng		93
66) n-Nitrosodiphenylamine	10.445	169	588188	42.36	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	195196	41.92	ng		98
68) Hexachlorobenzene	10.880	284	225144	42.71	ng	#	92
69) Atrazine	10.974	200	158654	46.73	ng		96
70) Pentachlorophenol	11.080	266	172162	82.77	ng		99
71) Phenanthrene	11.292	178	933511	42.24	ng		99
72) Anthracene	11.345	178	971189	42.37	ng		99
73) Carbazole	11.504	167	886649	43.50	ng		100
74) Di-n-butylphthalate	11.821	149	980788	41.83	ng		99
75) Fluoranthene	12.480	202	1009529	42.60	ng		99
77) Benzidine	12.604	184	450459	46.97	ng		99
78) Pyrene	12.710	202	1024795	43.23	ng		100
80) Butylbenzylphthalate	13.321	149	417002	44.35	ng		97
81) Benzo(a)anthracene	13.898	228	883379	43.33	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	240791	31.84	ng		99
83) Chrysene	13.933	228	845695	42.26	ng		99
84) Bis(2-ethylhexyl)phtha...	13.874	149	551019	43.17	ng		100
85) Di-n-octyl phthalate	14.486	149	904114	43.79	ng		100
87) Indeno(1,2,3-cd)pyrene	16.768	276	716678	44.42	ng		99
88) Benzo(b)fluoranthene	14.933	252	773482	46.05	ng		100
89) Benzo(k)fluoranthene	14.962	252	721181	45.20	ng		99
90) Benzo(a)pyrene	15.286	252	656059	45.22	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	591103	44.49	ng		99
92) Benzo(g,h,i)perylene	17.186	276	614532	46.22	ng		99

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

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