Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
Data File : BF121936.D
Acq On : 13 Oct 2020 13:54
Operator : JU/CG
Sample : PB132314BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132314BS

Manual Integrations APPROVED
mohammad
10/14/2020 12:53:12 PM

Quant Time: Oct 13 14:19:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	137683	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	530761	20.00	ng		0.00
39) Acenaphthene-d10	9.781	164	278601	20.00	ng		0.00
64) Phenanthrene-d10	11.269	188	517636	20.00	ng		0.00
76) Chrysene-d12	13.910	240	405255	20.00	ng		0.00
86) Perylene-d12	15.339	264	328330	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	954106	102.28	ng		0.01
7) Phenol-d6	6.398	99	1209113	100.69	ng		0.00
23) Nitrobenzene-d5	7.316	82	799977	77.30	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	367775	106.71	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1351232	71.36	ng		0.00
79) Terphenyl-d14	12.851	244	1620615	76.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	242148	59.02	ng		99
3) Pyridine	3.257	79	402488	37.31	ng		100
4) n-Nitrosodimethylamine	3.210	42	209048	40.09	ng		97
6) Aniline	6.410	93	451962	30.56	ng	#	28
8) 2-Chlorophenol	6.534	128	382879	40.61	ng		96
9) Benzaldehyde	6.298	77	132616	16.19	ng		96
10) Phenol	6.410	94	470848	37.99	ng		90
11) bis(2-Chloroethyl)ether	6.487	93	370757	38.70	ng		98
12) 1,3-Dichlorobenzene	6.687	146	398032	37.53	ng		97
13) 1,4-Dichlorobenzene	6.763	146	404055	37.95	ng		99
14) 1,2-Dichlorobenzene	6.916	146	368428	37.85	ng		99
15) Benzyl Alcohol	6.898	79	298259	38.40	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	556353	37.74	ng		76
17) 2-Methylphenol	7.016	107	316735	39.29	ng	#	91
18) Hexachloroethane	7.251	117	148113	38.51	ng		99
19) n-Nitroso-di-n-propyla...	7.169	70	262799	38.44	ng		97
20) 3+4-Methylphenols	7.169	107	380245	39.12	ng	#	77
22) Acetophenone	7.163	105	495009	36.25	ng	#	97
24) Nitrobenzene	7.334	77	418122	37.80	ng		99
25) Isophorone	7.575	82	740754	37.85	ng		99
26) 2-Nitrophenol	7.651	139	200218	39.30	ng		100
27) 2,4-Dimethylphenol	7.692	122	313400	36.09	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	457565	37.37	ng		99
29) 2,4-Dichlorophenol	7.898	162	311441	38.30	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	320199	37.03	ng		99
31) Naphthalene	8.051	128	1056011	37.14	ng		100
32) Benzoic acid	7.851	122	183291	38.70	ng		99
33) 4-Chloroaniline	8.104	127	372870	30.79	ng		100
34) Hexachlorobutadiene	8.163	225	188796	36.82	ng		100
35) Caprolactam	8.492	113	105075m	40.69	ng		
36) 4-Chloro-3-methylphenol	8.598	107	346717	39.70	ng		99
37) 2-Methylnaphthalene	8.739	142	694281	37.70	ng		98
38) 1-Methylnaphthalene	8.839	142	650299	38.13	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	316587	35.21	ng		99
41) Hexachlorocyclopentadiene	8.892	237	203542	73.48	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	210139	37.88	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	228623	38.16	ng		99
46) 1,1'-Biphenyl	9.204	154	813000	35.89	ng		99
47) 2-Chloronaphthalene	9.233	162	652743	37.05	ng		97
48) 2-Nitroaniline	9.334	65	232131	39.95	ng		100
49) Acenaphthylene	9.645	152	992342	36.68	ng		100
50) Dimethylphthalate	9.510	163	779545	38.27	ng		100
51) 2,6-Dinitrotoluene	9.575	165	176338	39.46	ng		99
52) Acenaphthene	9.816	154	601282	37.36	ng		99
53) 3-Nitroaniline	9.745	138	156383	30.77	ng		98
54) 2,4-Dinitrophenol	9.869	184	164156	72.85	ng		98
55) Dibenzofuran	9.986	168	862275	36.64	ng		98
56) 4-Nitrophenol	9.928	139	215479	77.94	ng	#	84
57) 2,4-Dinitrotoluene	9.986	165	213614	38.83	ng	#	86
58) Fluorene	10.333	166	698755	36.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	192098	41.44	ng		98
60) Diethylphthalate	10.210	149	746043	37.98	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	337092	37.07	ng		98
62) 4-Nitroaniline	10.369	138	196725	38.74	ng		100
63) Azobenzene	10.480	77	788081	37.93	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	130667	38.63	ng		98
66) n-Nitrosodiphenylamine	10.445	169	665388	37.32	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	227876	38.10	ng		99
68) Hexachlorobenzene	10.880	284	253999	37.52	ng		95
69) Atrazine	10.975	200	190196	43.62	ng		98
70) Pentachlorophenol	11.080	266	195978	74.27	ng		99
71) Phenanthrene	11.292	178	1061679	37.41	ng		100
72) Anthracene	11.345	178	1076942	36.58	ng		100
73) Carbazole	11.504	167	991113	37.87	ng		99
74) Di-n-butylphthalate	11.827	149	1155476	38.37	ng		100
75) Fluoranthene	12.480	202	1156316	38.00	ng		98
77) Benzidine	12.604	184	479168	38.35	ng		99
78) Pyrene	12.710	202	1152201	37.31	ng		99
80) Butylbenzylphthalate	13.321	149	489758	39.99	ng		97
81) Benzo(a)anthracene	13.898	228	1005328	37.86	ng		100
82) 3,3'-Dichlorobenzidine	13.863	252	318489	32.33	ng		99
83) Chrysene	13.939	228	978991	37.55	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	656889	39.51	ng		100
85) Di-n-octyl phthalate	14.492	149	1096160	40.76	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	869102	40.77	ng		100
88) Benzo(b)fluoranthene	14.933	252	918803	41.40	ng		99
89) Benzo(k)fluoranthene	14.963	252	855715	40.59	ng		100
90) Benzo(a)pyrene	15.286	252	793776	41.41	ng		100
91) Dibenzo(a,h)anthracene	16.768	278	715103	40.74	ng		98
92) Benzo(g,h,i)perylene	17.180	276	715566	40.73	ng		98

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

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