Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122644.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : PB133511BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133511BS

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:15 PM

Quant Time: Dec 10 14:31:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	173995	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	662817	20.00	ng		0.00
39) Acenaphthene-d10	9.881	164	358327	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	653845	20.00	ng		0.00
76) Chrysene-d12	14.010	240	530398	20.00	ng		0.00
86) Perylene-d12	15.468	264	471608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1253225	114.03	ng		0.02
7) Phenol-d6	6.481	99	1627412	111.65	ng		0.00
23) Nitrobenzene-d5	7.404	82	911835	68.93	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	526727	112.30	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1745838	65.90	ng		0.00
79) Terphenyl-d14	12.951	244	2013826	66.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	212195	41.08	ng		100
3) Pyridine	3.440	79	581363	42.58	ng		98
4) n-Nitrosodimethylamine	3.399	42	234805	42.88	ng		100
6) Aniline	6.504	93	569457	33.19	ng		98
8) 2-Chlorophenol	6.628	128	534317	44.11	ng		99
9) Benzaldehyde	6.387	77	76228	8.64	ng		99
10) Phenol	6.493	94	641084	42.45	ng		98
11) bis(2-Chloroethyl)ether	6.581	93	508793	44.09	ng		99
12) 1,3-Dichlorobenzene	6.781	146	594411	41.47	ng		98
13) 1,4-Dichlorobenzene	6.857	146	599181	41.46	ng		98
14) 1,2-Dichlorobenzene	7.010	146	559471	40.10	ng		98
15) Benzyl Alcohol	6.987	79	435309	43.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	665939	40.47	ng		98
17) 2-Methylphenol	7.098	107	449332	46.66	ng		98
18) Hexachloroethane	7.351	117	215583	41.86	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	359062	43.01	ng		98
20) 3+4-Methylphenols	7.251	107	525591	43.21	ng		96
22) Acetophenone	7.251	105	692863	42.04	ng	#	95
24) Nitrobenzene	7.428	77	558738	42.46	ng		96
25) Isophorone	7.663	82	1016832	44.63	ng		100
26) 2-Nitrophenol	7.739	139	294388	45.86	ng		97
27) 2,4-Dimethylphenol	7.781	122	484293	51.48	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	655458	42.01	ng		100
29) 2,4-Dichlorophenol	7.987	162	478671	43.57	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	503342	40.44	ng		99
31) Naphthalene	8.145	128	1553935	42.49	ng		100
32) Benzoic acid	7.922	122	300430	40.08	ng		99
33) 4-Chloroaniline	8.192	127	360252	23.56	ng		99
34) Hexachlorobutadiene	8.263	225	299518	39.09	ng		98
35) Caprolactam	8.575	113	144388m	43.63	ng		
36) 4-Chloro-3-methylphenol	8.686	107	491103	45.38	ng		99
37) 2-Methylnaphthalene	8.839	142	1038341	42.92	ng		99
38) 1-Methylnaphthalene	8.939	142	970161	42.39	ng		98
40) 1,2,4,5-Tetrachloroben...	9.004	216	486331	40.98	ng		99
41) Hexachlorocyclopentadiene	8.992	237	503039	95.86	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	339437	41.41	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	359650	42.45	ng		95
46) 1,1'-Biphenyl	9.304	154	1242224	41.77	ng		99
47) 2-Chloronaphthalene	9.328	162	986890	40.05	ng		99
48) 2-Nitroaniline	9.428	65	289727	40.33	ng		99
49) Acenaphthylene	9.745	152	1540703	42.33	ng		99
50) Dimethylphthalate	9.604	163	1175343	41.07	ng		99
51) 2,6-Dinitrotoluene	9.669	165	267903	44.33	ng		99
52) Acenaphthene	9.916	154	903726	38.38	ng		98
53) 3-Nitroaniline	9.833	138	177025	25.35	ng		94
54) 2,4-Dinitrophenol	9.945	184	260512	88.16	ng		99
55) Dibenzofuran	10.086	168	1392154	42.03	ng		100
56) 4-Nitrophenol	10.004	139	396594	79.64	ng		91
57) 2,4-Dinitrotoluene	10.075	165	356217	44.25	ng		96
58) Fluorene	10.433	166	1067691	40.53	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	312224	41.94	ng		99
60) Diethylphthalate	10.304	149	1128603	40.55	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	513995	39.63	ng		98
62) 4-Nitroaniline	10.451	138	270570	38.17	ng		96
63) Azobenzene	10.580	77	1062849	41.54	ng		99
65) 4,6-Dinitro-2-methylph...	10.486	198	187854	47.12	ng		87
66) n-Nitrosodiphenylamine	10.539	169	977262	42.30	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	358632	40.48	ng		98
68) Hexachlorobenzene	10.980	284	397064	40.54	ng		98
69) Atrazine	11.069	200	275462	36.71	ng		99
70) Pentachlorophenol	11.175	266	449517	86.62	ng		99
71) Phenanthrene	11.392	178	1604182	41.28	ng		99
72) Anthracene	11.445	178	1635827	42.45	ng		99
73) Carbazole	11.598	167	1466529	41.97	ng		99
74) Di-n-butylphthalate	11.927	149	1715164	39.06	ng		100
75) Fluoranthene	12.580	202	1686446	41.39	ng		100
77) Benzidine	12.698	184	649563	56.62	ng		99
78) Pyrene	12.810	202	1703311	41.54	ng		100
80) Butylbenzylphthalate	13.427	149	731232	39.59	ng		96
81) Benzo(a)anthracene	13.998	228	1475122	41.61	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	416571	32.81	ng		98
83) Chrysene	14.039	228	1466400	41.57	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	986307	38.99	ng	#	99
85) Di-n-octyl phthalate	14.598	149	1678738	40.01	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1310941	42.35	ng		99
88) Benzo(b)fluoranthene	15.045	252	1577365	47.67	ng		99
89) Benzo(k)fluoranthene	15.074	252	1277407	42.22	ng		100
90) Benzo(a)pyrene	15.410	252	1257007	43.42	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	1081733	42.69	ng		99
92) Benzo(g,h,i)perylene	17.368	276	1080354	44.06	ng		99

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

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