Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122760.D
Acq On : 17 Dec 2020 12:54
Operator : JU/CG
Sample : PB133642BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133642BS

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:34 AM

Quant Time: Dec 17 13:40:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	157134	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	597893	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	324758	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	602551	20.00	ng		0.00
76) Chrysene-d12	13.992	240	519744	20.00	ng		0.00
86) Perylene-d12	15.445	264	535056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1079941	108.81	ng		0.02
7) Phenol-d6	6.463	99	1385443	105.25	ng		0.00
23) Nitrobenzene-d5	7.387	82	786318	65.89	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	452690	106.49	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1546611	64.41	ng		0.00
79) Terphenyl-d14	12.933	244	1793568	60.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	192243	41.21	ng		98
3) Pyridine	3.404	79	533229	43.24	ng		98
4) n-Nitrosodimethylamine	3.369	42	208517	42.17	ng		97
6) Aniline	6.487	93	460333	29.71	ng		98
8) 2-Chlorophenol	6.610	128	485683	44.40	ng		96
9) Benzaldehyde	6.369	77	98108	12.31	ng		97
10) Phenol	6.475	94	577552	42.34	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	456437	43.80	ng		100
12) 1,3-Dichlorobenzene	6.763	146	539811	41.70	ng		99
13) 1,4-Dichlorobenzene	6.840	146	541594	41.49	ng		99
14) 1,2-Dichlorobenzene	6.992	146	503786	39.99	ng		100
15) Benzyl Alcohol	6.969	79	389292	42.95	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	567772	38.21	ng		96
17) 2-Methylphenol	7.081	107	404563	46.52	ng		99
18) Hexachloroethane	7.334	117	194333	41.78	ng		98
19) n-Nitroso-di-n-propyla...	7.240	70	316930	42.03	ng		99
20) 3+4-Methylphenols	7.234	107	467862	42.59	ng		98
22) Acetophenone	7.234	105	629918	42.37	ng	#	97
24) Nitrobenzene	7.404	77	499137	42.05	ng		100
25) Isophorone	7.645	82	907739	44.16	ng		100
26) 2-Nitrophenol	7.722	139	272611	47.08	ng		93
27) 2,4-Dimethylphenol	7.763	122	428595	50.50	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	579087	41.14	ng		99
29) 2,4-Dichlorophenol	7.969	162	427165	43.10	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	456267	40.63	ng		100
31) Naphthalene	8.128	128	1414717	42.88	ng		100
32) Benzoic acid	7.904	122	292778	43.30	ng		97
33) 4-Chloroaniline	8.175	127	342371	24.82	ng		99
34) Hexachlorobutadiene	8.245	225	266031	38.49	ng		99
35) Caprolactam	8.551	113	129379m	43.34	ng		
36) 4-Chloro-3-methylphenol	8.669	107	439716	45.04	ng		100
37) 2-Methylnaphthalene	8.822	142	942256	43.17	ng		98
38) 1-Methylnaphthalene	8.916	142	877798	42.52	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	444341	41.31	ng		100
41) Hexachlorocyclopentadiene	8.975	237	406754	85.52	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	298043	40.12	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	321074	41.81	ng		99
46) 1,1'-Biphenyl	9.286	154	1126200	41.78	ng		98
47) 2-Chloronaphthalene	9.310	162	898000	40.21	ng		99
48) 2-Nitroaniline	9.404	65	258578	39.72	ng		94
49) Acenaphthylene	9.728	152	1385390	42.00	ng		99
50) Dimethylphthalate	9.586	163	1073365	41.38	ng		99
51) 2,6-Dinitrotoluene	9.651	165	244201	44.58	ng		96
52) Acenaphthene	9.898	154	963875m	45.17	ng		
53) 3-Nitroaniline	9.816	138	170816	26.99	ng		98
54) 2,4-Dinitrophenol	9.933	184	261863	97.78	ng	#	89
55) Dibenzofuran	10.069	168	1243944	41.44	ng		100
56) 4-Nitrophenol	9.992	139	374997	83.09	ng		99
57) 2,4-Dinitrotoluene	10.057	165	321790	44.10	ng		99
58) Fluorene	10.410	166	961371	40.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	292405	43.34	ng		99
60) Diethylphthalate	10.286	149	1022896	40.55	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	462632	39.35	ng		96
62) 4-Nitroaniline	10.433	138	248288	38.64	ng		95
63) Azobenzene	10.563	77	947252	40.85	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	180744	49.19	ng		96
66) n-Nitrosodiphenylamine	10.522	169	888541	41.73	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	323083	39.57	ng		94
68) Hexachlorobenzene	10.963	284	356669	39.51	ng		94
69) Atrazine	11.051	200	254329	36.78	ng		99
70) Pentachlorophenol	11.157	266	389790	81.51	ng		98
71) Phenanthrene	11.375	178	1465117	40.91	ng		99
72) Anthracene	11.427	178	1487737	41.90	ng		100
73) Carbazole	11.580	167	1359836	42.23	ng		99
74) Di-n-butylphthalate	11.910	149	1595352	39.43	ng		99
75) Fluoranthene	12.563	202	1578250	42.03	ng		99
77) Benzidine	12.680	184	595866	53.00	ng		99
78) Pyrene	12.792	202	1578792	39.29	ng		100
80) Butylbenzylphthalate	13.410	149	700520	38.70	ng		94
81) Benzo(a)anthracene	13.980	228	1443373	41.55	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	403041	32.40	ng		98
83) Chrysene	14.021	228	1424904	41.22	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	938351	37.86	ng	#	99
85) Di-n-octyl phthalate	14.580	149	1637786	39.83	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1498032	42.65	ng		99
88) Benzo(b)fluoranthene	15.027	252	1626252	43.32	ng		99
89) Benzo(k)fluoranthene	15.063	252	1348310	39.28	ng		99
90) Benzo(a)pyrene	15.392	252	1360406	41.42	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	1230920	42.82	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1223776	43.99	ng		99

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

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