Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122820.D
Acq On : 22 Dec 2020 19:25
Operator : JU/CG
Sample : PB133764BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations APPROVED
mohammad
12/23/2020 3:28:21 PM

Quant Time: Dec 22 23:38:28 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	143536	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	557645	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	289956	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	534916	20.00	ng	0.00
76) Chrysene-d12	13.992	240	438045	20.00	ng	0.00
86) Perylene-d12	15.451	264	409775	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1019280	112.42	ng	0.02
7) Phenol-d6	6.463	99	1293564	107.58	ng	0.00
23) Nitrobenzene-d5	7.386	82	728476	65.45	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	423278	111.52	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1452814	67.77	ng	0.00
79) Terphenyl-d14	12.933	244	1686473	67.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	180356	42.32	ng	99
3) Pyridine	3.404	79	496489	44.08	ng	98
4) n-Nitrosodimethylamine	3.363	42	188995	41.84	ng	97
6) Aniline	6.487	93	448213	31.67	ng	99
8) 2-Chlorophenol	6.610	128	433563	43.39	ng	98
9) Benzaldehyde	6.369	77	44292	6.09	ng	94
10) Phenol	6.475	94	511156	41.02	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	414303	43.52	ng	99
12) 1,3-Dichlorobenzene	6.763	146	491114	41.53	ng	100
13) 1,4-Dichlorobenzene	6.839	146	498109	41.78	ng	99
14) 1,2-Dichlorobenzene	6.992	146	461163	40.07	ng	99
15) Benzyl Alcohol	6.969	79	342606	41.38	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	521725	38.44	ng	94
17) 2-Methylphenol	7.081	107	353411	44.49	ng	99
18) Hexachloroethane	7.334	117	179296	42.20	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	284901	41.36	ng	99
20) 3+4-Methylphenols	7.234	107	416952	41.55	ng	94
22) Acetophenone	7.234	105	565229	40.77	ng	97
24) Nitrobenzene	7.404	77	451053	40.74	ng	100
25) Isophorone	7.645	82	845380	44.10	ng	99
26) 2-Nitrophenol	7.722	139	249082	46.12	ng	95
27) 2,4-Dimethylphenol	7.763	122	396388	50.08	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	542415	41.32	ng	99
29) 2,4-Dichlorophenol	7.969	162	391196	42.32	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	428758	40.94	ng	99
31) Naphthalene	8.128	128	1309355	42.55	ng	100
32) Benzoic acid	7.904	122	260226	41.26	ng	98
33) 4-Chloroaniline	8.175	127	326477	25.38	ng	99
34) Hexachlorobutadiene	8.245	225	255725	39.67	ng	99
35) Caprolactam	8.557	113	113016m	40.60	ng	
36) 4-Chloro-3-methylphenol	8.669	107	390720	42.91	ng	99
37) 2-Methylnaphthalene	8.822	142	853265	41.92	ng	98
38) 1-Methylnaphthalene	8.922	142	786452	40.84	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	404850	42.15	ng	99
41) Hexachlorocyclopentadiene	8.975	237	354468	83.48	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	269131	40.58	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	288842	42.13	ng	96
46) 1,1'-Biphenyl	9.286	154	1026477	42.66	ng	98
47) 2-Chloronaphthalene	9.310	162	810607	40.66	ng	98
48) 2-Nitroaniline	9.410	65	226699	39.00	ng	97
49) Acenaphthylene	9.727	152	1246696	42.33	ng	99
50) Dimethylphthalate	9.586	163	977221	42.20	ng	100
51) 2,6-Dinitrotoluene	9.651	165	220853	45.16	ng	97
52) Acenaphthene	9.898	154	731472	38.39	ng	99
53) 3-Nitroaniline	9.816	138	151846	26.87	ng	93
54) 2,4-Dinitrophenol	9.933	184	219001	91.59	ng	95
55) Dibenzofuran	10.069	168	1121034	41.83	ng	100
56) 4-Nitrophenol	9.992	139	305600	75.84	ng	95
57) 2,4-Dinitrotoluene	10.057	165	285345	43.80	ng	97
58) Fluorene	10.410	166	874581	41.03	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	254144	42.19	ng	98
60) Diethylphthalate	10.286	149	944131	41.92	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	427489	40.73	ng	95
62) 4-Nitroaniline	10.433	138	221336	38.58	ng	96
63) Azobenzene	10.563	77	858783	41.48	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	160993	49.36	ng	99
66) n-Nitrosodiphenylamine	10.522	169	798569	42.25	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	298528	41.18	ng	93
68) Hexachlorobenzene	10.963	284	323019	40.31	ng	97
69) Atrazine	11.051	200	227550	37.07	ng	98
70) Pentachlorophenol	11.163	266	336403	79.24	ng	100
71) Phenanthrene	11.374	178	1316414	41.41	ng	99
72) Anthracene	11.427	178	1352380	42.90	ng	99
73) Carbazole	11.580	167	1221038	42.71	ng	99
74) Di-n-butylphthalate	11.910	149	1469411	40.90	ng	99
75) Fluoranthene	12.563	202	1396295	41.88	ng	99
77) Benzidine	12.686	184	529959	55.93	ng	99
78) Pyrene	12.792	202	1403047	41.43	ng	99
80) Butylbenzylphthalate	13.410	149	629572	41.27	ng	92
81) Benzo(a)anthracene	13.986	228	1249463	42.68	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	379224	36.17	ng	99
83) Chrysene	14.021	228	1207851	41.46	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	900803	43.12	ng	99
85) Di-n-octyl phthalate	14.580	149	1525230	44.01	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1149423	42.73	ng	99
88) Benzo(b)fluoranthene	15.033	252	1268503	44.12	ng	99
89) Benzo(k)fluoranthene	15.062	252	1172031	44.58	ng	99
90) Benzo(a)pyrene	15.392	252	1093444	43.47	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	967399	43.94	ng	99
92) Benzo(g,h,i)perylene	17.351	276	938180	44.03	ng	99

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

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