Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122877.D
Acq On : 30 Dec 2020 14:00
Operator : JU/CG
Sample : PB133863BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133863BS

Manual Integrations APPROVED
mohammad
12/31/2020 10:44:58 AM

Quant Time: Dec 30 14:32:17 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	164272	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	642931	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	340780	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	612258	20.00	ng		0.00
76) Chrysene-d12	13.998	240	487073	20.00	ng		0.01
86) Perylene-d12	15.457	264	453928	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1101658	106.17	ng		0.02
7) Phenol-d6	6.469	99	1420161	103.20	ng		0.01
23) Nitrobenzene-d5	7.392	82	944433	73.60	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	493593	110.65	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1772856	70.37	ng		0.00
79) Terphenyl-d14	12.939	244	1941260	69.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	154873	31.75	ng		99
3) Pyridine	3.440	79	446831	34.66	ng		99
4) n-Nitrosodimethylamine	3.399	42	195114	37.74	ng		97
6) Aniline	6.487	93	412515	25.47	ng		93
8) 2-Chlorophenol	6.610	128	499034	43.63	ng		97
9) Benzaldehyde	6.369	77	114980	13.80	ng		97
10) Phenol	6.481	94	554372	38.88	ng		89
11) bis(2-Chloroethyl)ether	6.557	93	461907	42.40	ng		99
12) 1,3-Dichlorobenzene	6.763	146	546378	40.38	ng		99
13) 1,4-Dichlorobenzene	6.840	146	551465	40.41	ng		99
14) 1,2-Dichlorobenzene	6.992	146	531060	40.32	ng		99
15) Benzyl Alcohol	6.969	79	410912	43.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	572714	36.87	ng		90
17) 2-Methylphenol	7.087	107	404679	44.51	ng		94
18) Hexachloroethane	7.334	117	200293	41.19	ng		97
19) n-Nitroso-di-n-propyla...	7.240	70	327970	41.61	ng		99
20) 3+4-Methylphenols	7.240	107	473791	41.25	ng		97
22) Acetophenone	7.234	105	641461	40.13	ng	#	96
24) Nitrobenzene	7.410	77	507157	39.73	ng		97
25) Isophorone	7.651	82	931454	42.14	ng		98
26) 2-Nitrophenol	7.722	139	274145	44.03	ng		98
27) 2,4-Dimethylphenol	7.763	122	439481	48.16	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	595439	39.34	ng		99
29) 2,4-Dichlorophenol	7.969	162	436154	40.93	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	471909	39.08	ng		99
31) Naphthalene	8.128	128	1437021	40.50	ng		100
32) Benzoic acid	7.922	122	278150	38.25	ng		99
33) 4-Chloroaniline	8.175	127	227642	15.35	ng		99
34) Hexachlorobutadiene	8.245	225	285312	38.39	ng		99
35) Caprolactam	8.563	113	132009m	41.13	ng		
36) 4-Chloro-3-methylphenol	8.675	107	457637	43.60	ng		99
37) 2-Methylnaphthalene	8.822	142	968765	41.28	ng		98
38) 1-Methylnaphthalene	8.922	142	888166	40.01	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	457254	40.51	ng		99
41) Hexachlorocyclopentadiene	8.975	237	389394	78.02	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	303125	38.89	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	328037	40.71	ng	97
46) 1,1'-Biphenyl	9.286	154	1149022	40.63	ng	98
47) 2-Chloronaphthalene	9.310	162	913400	38.98	ng	100
48) 2-Nitroaniline	9.410	65	264746	38.75	ng	97
49) Acenaphthylene	9.728	152	1388449	40.12	ng	99
50) Dimethylphthalate	9.586	163	1125957	41.37	ng	100
51) 2,6-Dinitrotoluene	9.651	165	253220	44.05	ng	94
52) Acenaphthene	9.898	154	830370	37.08	ng	99
53) 3-Nitroaniline	9.822	138	139286	20.97	ng	99
54) 2,4-Dinitrophenol	9.939	184	239031	85.05	ng	93
55) Dibenzofuran	10.069	168	1243217	39.47	ng	99
56) 4-Nitrophenol	9.998	139	312818	66.05	ng	90
57) 2,4-Dinitrotoluene	10.063	165	316199	41.30	ng	97
58) Fluorene	10.416	166	986260	39.37	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	286527	40.47	ng	99
60) Diethylphthalate	10.286	149	1092174	41.26	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	487668	39.53	ng	95
62) 4-Nitroaniline	10.439	138	253682	37.63	ng	96
63) Azobenzene	10.563	77	990535	40.71	ng	98
65) 4,6-Dinitro-2-methylph...	10.475	198	182043	48.76	ng	94
66) n-Nitrosodiphenylamine	10.522	169	919602	42.51	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	338295	40.78	ng	95
68) Hexachlorobenzene	10.963	284	375098	40.90	ng	99
69) Atrazine	11.051	200	275550	39.22	ng	99
70) Pentachlorophenol	11.163	266	366881	75.50	ng	100
71) Phenanthrene	11.375	178	1460131	40.13	ng	100
72) Anthracene	11.427	178	1532094	42.46	ng	100
73) Carbazole	11.586	167	1371423	41.91	ng	98
74) Di-n-butylphthalate	11.910	149	1668280	40.57	ng	99
75) Fluoranthene	12.569	202	1572367	41.21	ng	97
77) Benzidine	12.686	184	446537	42.38	ng	99
78) Pyrene	12.798	202	1574300	41.80	ng	99
80) Butylbenzylphthalate	13.410	149	701749	41.37	ng	94
81) Benzo(a)anthracene	13.986	228	1370117	42.09	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	348822	29.92	ng	99
83) Chrysene	14.021	228	1341293	41.41	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	998070	42.97	ng	99
85) Di-n-octyl phthalate	14.580	149	1613226	41.87	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1226388	41.16	ng	99
88) Benzo(b)fluoranthene	15.033	252	1444445	45.35	ng	99
89) Benzo(k)fluoranthene	15.063	252	1180774	40.55	ng	99
90) Benzo(a)pyrene	15.398	252	1160229	41.64	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1018566	41.77	ng	99
92) Benzo(g,h,i)perylene	17.357	276	1019734	43.21	ng	99

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

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