Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122938.D
Acq On : 8 Jan 2021 13:33
Operator : JU/CG
Sample : PB133991BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133991BS

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:19 AM

Quant Time: Jan 08 16:50:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	216724	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	848662	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	457121	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	825476	20.00	ng		0.00
76) Chrysene-d12	14.110	240	621823	20.00	ng		0.00
86) Perylene-d12	15.592	264	520522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	1753282	121.45	ng		0.02
7) Phenol-d6	6.545	99	2205783	112.59	ng		0.00
23) Nitrobenzene-d5	7.481	82	1355952	79.00	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	623765	120.81	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2460912	76.31	ng		0.00
79) Terphenyl-d14	13.051	244	2483241	73.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	261531	38.78	ng		95
3) Pyridine	3.593	79	762843	41.60	ng		96
4) n-Nitrosodimethylamine	3.557	42	350389	45.71	ng		99
6) Aniline	6.581	93	655046	28.04	ng		100
8) 2-Chlorophenol	6.704	128	723714	46.57	ng		99
9) Benzaldehyde	6.463	77	129249	5.84	ng		95
10) Phenol	6.557	94	843540m	43.50	ng		
11) bis(2-Chloroethyl)ether	6.651	93	708495	45.54	ng		95
12) 1,3-Dichlorobenzene	6.863	146	735835	41.56	ng		100
13) 1,4-Dichlorobenzene	6.934	146	746537	41.95	ng		97
14) 1,2-Dichlorobenzene	7.086	146	714234	42.50	ng		99
15) Benzyl Alcohol	7.057	79	597414	43.22	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1023877	42.04	ng		95
17) 2-Methylphenol	7.163	107	572978	44.41	ng		98
18) Hexachloroethane	7.434	117	273223	41.09	ng		99
19) n-Nitroso-di-n-propyla...	7.333	70	507759	42.48	ng		95
20) 3+4-Methylphenols	7.316	107	711391	43.20	ng	#	83
22) Acetophenone	7.328	105	931118	41.55	ng		97
24) Nitrobenzene	7.498	77	728405	42.39	ng		95
25) Isophorone	7.739	82	1359412	44.17	ng		98
26) 2-Nitrophenol	7.816	139	335181	44.21	ng		98
27) 2,4-Dimethylphenol	7.851	122	664653	49.35	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	879388	42.17	ng		98
29) 2,4-Dichlorophenol	8.057	162	594598	43.64	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	638302	40.92	ng		99
31) Naphthalene	8.228	128	1953019	42.30	ng		99
32) Benzoic acid	7.975	122	442745	43.84	ng		98
33) 4-Chloroaniline	8.263	127	267474	13.36	ng		97
34) Hexachlorobutadiene	8.345	225	366834	40.38	ng		99
35) Caprolactam	8.645	113	182021m	39.81	ng		
36) 4-Chloro-3-methylphenol	8.751	107	608381	43.42	ng		96
37) 2-Methylnaphthalene	8.922	142	1339814	42.21	ng		97
38) 1-Methylnaphthalene	9.022	142	1268583	42.21	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	616886	42.33	ng		99
41) Hexachlorocyclopentadiene	9.075	237	786254	100.86	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	465763	45.13	ng		95

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44) 2,4,5-Trichlorophenol	9.233	196	428590	41.99	ng	96
46) 1,1'-Biphenyl	9.386	154	1580235	43.03	ng	100
47) 2-Chloronaphthalene	9.410	162	1229665	41.23	ng	97
48) 2-Nitroaniline	9.498	65	367170	40.92	ng	86
49) Acenaphthylene	9.827	152	1900816	43.10	ng	99
50) Dimethylphthalate	9.686	163	1420178	41.77	ng	98
51) 2,6-Dinitrotoluene	9.745	165	330891	45.50	ng	96
52) Acenaphthene	9.998	154	1327851	45.79	ng	100
53) 3-Nitroaniline	9.910	138	173220	20.27	ng	95
54) 2,4-Dinitrophenol	10.016	184	280941	106.62	ng	97
55) Dibenzofuran	10.175	168	1745108	42.47	ng	97
56) 4-Nitrophenol	10.069	139	554457	85.67	ng	88
57) 2,4-Dinitrotoluene	10.151	165	433519	46.61	ng	98
58) Fluorene	10.516	166	1366937	40.97	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	370342	41.74	ng	94
60) Diethylphthalate	10.392	149	1418234	41.72	ng	97
61) 4-Chlorophenyl-phenyle...	10.504	204	670123	41.48	ng	96
62) 4-Nitroaniline	10.533	138	316212	37.69	ng	97
63) Azobenzene	10.669	77	1427854	42.63	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	202241	54.12	ng	94
66) n-Nitrosodiphenylamine	10.627	169	1214597	43.68	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	424554	42.55	ng	98
68) Hexachlorobenzene	11.069	284	458644	42.79	ng	97
69) Atrazine	11.151	200	358938	40.32	ng	98
70) Pentachlorophenol	11.257	266	571753	88.12	ng	98
71) Phenanthrene	11.480	178	1991426	42.58	ng	98
72) Anthracene	11.533	178	2061401	44.45	ng	97
73) Carbazole	11.686	167	1835747	42.67	ng	99
74) Di-n-butylphthalate	12.016	149	2101538	40.89	ng	99
75) Fluoranthene	12.674	202	2067644	41.53	ng	98
77) Benzidine	12.786	184	768459	43.28	ng	99
78) Pyrene	12.904	202	2138759	44.25	ng	98
80) Butylbenzylphthalate	13.521	149	891294	42.33	ng	95
81) Benzo(a)anthracene	14.098	228	1736474	41.61	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	326548	23.54	ng	99
83) Chrysene	14.133	228	1691281	42.05	ng	97
84) Bis(2-ethylhexyl)phtha...	14.086	149	1181727	42.73	ng	96
85) Di-n-octyl phthalate	14.704	149	2008332	42.91	ng	97
87) Indeno(1,2,3-cd)pyrene	17.109	276	1554297	46.20	ng	97
88) Benzo(b)fluoranthene	15.162	252	1651172	45.13	ng	99
89) Benzo(k)fluoranthene	15.192	252	1489154	44.20	ng	98
90) Benzo(a)pyrene	15.533	252	1406210	43.73	ng	98
91) Dibenzo(a,h)anthracene	17.133	278	1298667	47.06	ng	98
92) Benzo(g,h,i)perylene	17.568	276	1248175	47.51	ng	97

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

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