Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
Data File : BF123097.D
Acq On : 3 Feb 2021 11:16
Operator : JU/CG
Sample : PB134433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134433BS

Manual Integrations APPROVED
mohammad
2/4/2021 11:13:33 AM

Quant Time: Feb 03 11:41:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	262165	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1016812	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	568418	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1051208	20.00	ng	0.00
76) Chrysene-d12	14.086	240	825566	20.00	ng	0.00
86) Perylene-d12	15.568	264	729345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1899996	111.79	ng	0.02
7) Phenol-d6	6.522	99	2486967	107.96	ng	0.00
23) Nitrobenzene-d5	7.457	82	1443832	71.46	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	780051	126.42	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2753301	72.01	ng	0.00
79) Terphenyl-d14	13.027	244	3106587	73.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	330009	39.03	ng	95
3) Pyridine	3.534	79	912475	40.35	ng	94
4) n-Nitrosodimethylamine	3.493	42	394174	41.42	ng	95
6) Aniline	6.557	93	868198	30.62	ng	99
8) 2-Chlorophenol	6.681	128	809313	43.93	ng	98
9) Benzaldehyde	6.440	77	309037	29.34	ng	99
10) Phenol	6.540	94	1024527	44.84	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	792139	41.66	ng	97
12) 1,3-Dichlorobenzene	6.834	146	891272	41.49	ng	97
13) 1,4-Dichlorobenzene	6.910	146	901920	40.31	ng	97
14) 1,2-Dichlorobenzene	7.063	146	840071	40.13	ng	97
15) Benzyl Alcohol	7.034	79	678202	41.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1167189	39.81	ng	99
17) 2-Methylphenol	7.145	107	699623	44.63	ng	99
18) Hexachloroethane	7.410	117	330571	42.18	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	580794	41.93	ng	95
20) 3+4-Methylphenols	7.298	107	838164	45.39	ng	97
22) Acetophenone	7.304	105	1107552	41.80	ng	98
24) Nitrobenzene	7.475	77	895016	43.00	ng	96
25) Isophorone	7.716	82	1657300	44.78	ng	99
26) 2-Nitrophenol	7.792	139	436649	50.73	ng	98
27) 2,4-Dimethylphenol	7.828	122	819059	52.73	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	1046526	41.45	ng	100
29) 2,4-Dichlorophenol	8.034	162	735457	45.28	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	763307	41.71	ng	98
31) Naphthalene	8.198	128	2368316	42.46	ng	99
32) Benzoic acid	7.957	122	560323	45.11	ng	99
33) 4-Chloroaniline	8.245	127	663844	26.82	ng	99
34) Hexachlorobutadiene	8.322	225	442740	41.88	ng	100
35) Caprolactam	8.622	113	237383m	43.24	ng	
36) 4-Chloro-3-methylphenol	8.728	107	808490	47.87	ng	96
37) 2-Methylnaphthalene	8.892	142	1626834	43.94	ng	99
38) 1-Methylnaphthalene	8.992	142	1517989	43.30	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	733370	41.47	ng	98
41) Hexachlorocyclopentadiene	9.051	237	822667	98.01	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	543896	44.87	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	565211	44.59	ng	98
46) 1,1'-Biphenyl	9.357	154	1973478	42.33	ng	98
47) 2-Chloronaphthalene	9.386	162	1566044	40.12	ng	98
48) 2-Nitroaniline	9.481	65	507983	42.94	ng	93
49) Acenaphthylene	9.804	152	2395804	41.94	ng	100
50) Dimethylphthalate	9.663	163	1886796	42.31	ng	99
51) 2,6-Dinitrotoluene	9.722	165	433101	45.59	ng	93
52) Acenaphthene	9.975	154	1665339	45.39	ng	100
53) 3-Nitroaniline	9.886	138	323801	28.83	ng	88
54) 2,4-Dinitrophenol	9.998	184	398901	90.81	ng	96
55) Dibenzofuran	10.151	168	2149271	40.25	ng	99
56) 4-Nitrophenol	10.051	139	723543	89.10	ng	84
57) 2,4-Dinitrotoluene	10.128	165	576281	46.65	ng	100
58) Fluorene	10.492	166	1662034	38.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	496153	46.15	ng	98
60) Diethylphthalate	10.363	149	1883318	42.95	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	807586	40.30	ng	99
62) 4-Nitroaniline	10.510	138	435156	38.55	ng	99
63) Azobenzene	10.645	77	1785750	41.62	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	286441	49.23	ng	92
66) n-Nitrosodiphenylamine	10.604	169	1548191	40.86	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	554509	41.42	ng	96
68) Hexachlorobenzene	11.045	284	603029	42.00	ng	94
69) Atrazine	11.128	200	432443	41.33	ng	99
70) Pentachlorophenol	11.233	266	721558	92.72	ng	99
71) Phenanthrene	11.457	178	2524845	38.67	ng	99
72) Anthracene	11.510	178	2579650	41.19	ng	99
73) Carbazole	11.663	167	2307642	39.70	ng	100
74) Di-n-butylphthalate	11.992	149	2806250	40.72	ng	99
75) Fluoranthene	12.651	202	2614437	40.07	ng	98
77) Benzidine	12.769	184	1016746	54.42	ng	99
78) Pyrene	12.880	202	2631503	42.22	ng	99
80) Butylbenzylphthalate	13.498	149	1206527	44.99	ng	96
81) Benzo(a)anthracene	14.074	228	2307312	41.30	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	732978	41.68	ng	99
83) Chrysene	14.116	228	2320930	41.50	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1613673	45.29	ng	99
85) Di-n-octyl phthalate	14.680	149	2803813	46.85	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	2170737	44.69	ng	98
88) Benzo(b)fluoranthene	15.139	252	2351951	44.68	ng	100
89) Benzo(k)fluoranthene	15.168	252	2244030	45.87	ng	98
90) Benzo(a)pyrene	15.510	252	2029241	43.89	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	1807258	45.21	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1725677	44.54	ng	98

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

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