Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123109.D
Acq On : 4 Feb 2021 11:50
Operator : JU/CG
Sample : PB134405BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 04 12:44:40 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

Instrument :
BNA_F
ClientSampleId :
PB134405BS

Manual Integrations APPROVED
mohammad
2/8/2021 12:16:07 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	244394	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	957848	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	513218	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	959915	20.00	ng	0.00
76) Chrysene-d12	14.086	240	774517	20.00	ng	0.00
86) Perylene-d12	15.568	264	700686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1744690	110.12	ng	0.02
7) Phenol-d6	6.522	99	2240346	104.32	ng	0.00
23) Nitrobenzene-d5	7.457	82	1255051	65.94	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	684511	122.87	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2368264	68.60	ng	0.00
79) Terphenyl-d14	13.021	244	2554443	64.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	345727	43.86	ng	95
3) Pyridine	3.540	79	918556	43.57	ng	95
4) n-Nitrosodimethylamine	3.493	42	396245	44.67	ng	96
6) Aniline	6.557	93	873214	33.04	ng	99
8) 2-Chlorophenol	6.681	128	816705	47.56	ng	99
9) Benzaldehyde	6.440	77	409499	41.71	ng	97
10) Phenol	6.534	94	1010543	47.45	ng	92
11) bis(2-Chloroethyl)ether	6.628	93	790890	44.62	ng	97
12) 1,3-Dichlorobenzene	6.834	146	899521	44.91	ng	97
13) 1,4-Dichlorobenzene	6.910	146	912630	43.75	ng	97
14) 1,2-Dichlorobenzene	7.063	146	879335	45.06	ng	99
15) Benzyl Alcohol	7.034	79	679199	45.11	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1157838	42.36	ng	99
17) 2-Methylphenol	7.145	107	672716	46.04	ng	100
18) Hexachloroethane	7.410	117	338217	46.29	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	574112	44.46	ng	97
20) 3+4-Methylphenols	7.298	107	822685	47.80	ng	96
22) Acetophenone	7.304	105	1091200	43.72	ng	98
24) Nitrobenzene	7.475	77	887514	45.26	ng	98
25) Isophorone	7.716	82	1622517	46.54	ng	100
26) 2-Nitrophenol	7.792	139	436204	53.79	ng	97
27) 2,4-Dimethylphenol	7.828	122	773804	52.88	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1019190	42.85	ng	99
29) 2,4-Dichlorophenol	8.034	162	714610	46.70	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	766607	44.47	ng	99
31) Naphthalene	8.198	128	2362752	44.97	ng	99
32) Benzoic acid	7.957	122	519119	44.45	ng	95
33) 4-Chloroaniline	8.245	127	574594	24.64	ng	99
34) Hexachlorobutadiene	8.322	225	446274	44.82	ng	98
35) Caprolactam	8.622	113	226476m	43.80	ng	
36) 4-Chloro-3-methylphenol	8.728	107	777877	48.89	ng	96
37) 2-Methylnaphthalene	8.892	142	1594490	45.71	ng	98
38) 1-Methylnaphthalene	8.992	142	1503287	45.52	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	713940	44.72	ng	98
41) Hexachlorocyclopentadiene	9.051	237	860323	113.52	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	540608	49.39	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	546947	47.79	ng	99
46) 1,1'-Biphenyl	9.357	154	1920026	45.61	ng	99
47) 2-Chloronaphthalene	9.386	162	1528569	43.38	ng	97
48) 2-Nitroaniline	9.475	65	494170	46.27	ng	85
49) Acenaphthylene	9.804	152	2344415	45.46	ng	99
50) Dimethylphthalate	9.663	163	1825740	45.34	ng	100
51) 2,6-Dinitrotoluene	9.722	165	420178	48.99	ng	98
52) Acenaphthene	9.975	154	1611578	48.64	ng	99
53) 3-Nitroaniline	9.886	138	294048	28.99	ng	92
54) 2,4-Dinitrophenol	9.998	184	388010	97.30	ng	95
55) Dibenzofuran	10.145	168	2090640	43.37	ng	99
56) 4-Nitrophenol	10.051	139	682260	93.06	ng	86
57) 2,4-Dinitrotoluene	10.128	165	559293	50.14	ng	97
58) Fluorene	10.492	166	1604421	41.66	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	475717	49.01	ng	96
60) Diethylphthalate	10.363	149	1806720	45.63	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	787887	43.54	ng	99
62) 4-Nitroaniline	10.510	138	418979	41.11	ng	97
63) Azobenzene	10.645	77	1740287	44.92	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	276106	51.69	ng	88
66) n-Nitrosodiphenylamine	10.598	169	1492680	43.14	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	534340	43.71	ng	93
68) Hexachlorobenzene	11.039	284	581668	44.36	ng	96
69) Atrazine	11.127	200	440945	46.15	ng	99
70) Pentachlorophenol	11.233	266	684888	96.38	ng	97
71) Phenanthrene	11.457	178	2458253	41.23	ng	99
72) Anthracene	11.510	178	2519111	44.05	ng	99
73) Carbazole	11.663	167	2265050	42.68	ng	100
74) Di-n-butylphthalate	11.992	149	2727458	43.34	ng	99
75) Fluoranthene	12.651	202	2545254	42.72	ng	99
77) Benzidine	12.769	184	1064161	60.72	ng	99
78) Pyrene	12.880	202	2567740	43.92	ng	99
80) Butylbenzylphthalate	13.498	149	1189425	47.28	ng	98
81) Benzo(a)anthracene	14.074	228	2301039	43.90	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	658668	39.93	ng	98
83) Chrysene	14.116	228	2265838	43.19	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1582799	47.35	ng	98
85) Di-n-octyl phthalate	14.680	149	2715439	48.37	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	2135771	45.77	ng	98
88) Benzo(b)fluoranthene	15.139	252	2311651	45.71	ng	99
89) Benzo(k)fluoranthene	15.168	252	2180872	46.41	ng	99
90) Benzo(a)pyrene	15.510	252	2016940	45.41	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	1781201	46.38	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1676243	45.04	ng	98

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

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