Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
Data File : BF123684.D
Acq On : 22 Apr 2021 10:29
Operator : JU/CG
Sample : PB135894BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations APPROVED
mohammad
4/23/2021 8:37:05 AM

Quant Time: Apr 22 11:18:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	409043	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	1690141	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	881906	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1602782	20.00	ng		0.00
76) Chrysene-d12	14.045	240	972720	20.00	ng		0.01
86) Perylene-d12	15.521	264	615519	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2610506	103.15	ng		0.02
7) Phenol-d6	6.504	99	3573154	101.89	ng		0.01
23) Nitrobenzene-d5	7.428	82	2317927	63.05	ng		0.01
42) 2,4,6-Tribromophenol	10.704	330	1037017	103.84	ng		0.02
45) 2-Fluorobiphenyl	9.222	172	3548533	59.98	ng		0.00
79) Terphenyl-d14	12.986	244	3517455	70.28	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	457799	34.62	ng		98
3) Pyridine	3.463	79	1225128	37.89	ng		94
4) n-Nitrosodimethylamine	3.422	42	776889	40.55	ng		99
6) Aniline	6.528	93	1153740	27.95	ng		96
8) 2-Chlorophenol	6.651	128	1149519	42.29	ng		100
9) Benzaldehyde	6.398	77	177412	7.75	ng		98
10) Phenol	6.516	94	1509274	40.52	ng		84
11) bis(2-Chloroethyl)ether	6.598	93	1213068	43.80	ng		98
12) 1,3-Dichlorobenzene	6.798	146	1114875	39.89	ng		97
13) 1,4-Dichlorobenzene	6.875	146	1140409	40.21	ng		97
14) 1,2-Dichlorobenzene	7.028	146	1058008	39.70	ng		98
15) Benzyl Alcohol	7.004	79	1196565	43.24	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	2591719	41.46	ng		95
17) 2-Methylphenol	7.122	107	1063911	45.55	ng	#	90
18) Hexachloroethane	7.369	117	482540	42.68	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	953395	41.04	ng		99
20) 3+4-Methylphenols	7.275	107	1216179	40.81	ng		96
22) Acetophenone	7.269	105	1794153	38.28	ng	#	91
24) Nitrobenzene	7.445	77	1483631	38.33	ng		98
25) Isophorone	7.687	82	2843247	39.86	ng		99
26) 2-Nitrophenol	7.757	139	650247	49.16	ng		98
27) 2,4-Dimethylphenol	7.798	122	1095283	44.87	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	1606462	44.88	ng		99
29) 2,4-Dichlorophenol	8.004	162	970364	40.83	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	987886	38.68	ng		99
31) Naphthalene	8.163	128	3294921	37.85	ng		99
32) Benzoic acid	7.963	122	780601	48.06	ng		94
33) 4-Chloroaniline	8.210	127	583930	16.33	ng		97
34) Hexachlorobutadiene	8.281	225	603861	37.68	ng		100
35) Caprolactam	8.616	113	393064m	47.37	ng		
36) 4-Chloro-3-methylphenol	8.710	107	1263202	40.98	ng		97
37) 2-Methylnaphthalene	8.857	142	2219355	38.88	ng		97
38) 1-Methylnaphthalene	8.957	142	2056895	38.08	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	948215	38.96	ng		99
41) Hexachlorocyclopentadiene	9.010	237	835842	66.08	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	684448	41.44	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	724812	40.14	ng		97
46) 1,1'-Biphenyl	9.328	154	2666401	38.63	ng		99
47) 2-Chloronaphthalene	9.351	162	1989345	38.30	ng		98
48) 2-Nitroaniline	9.451	65	935208	43.21	ng		97
49) Acenaphthylene	9.769	152	3327535	39.16	ng		98
50) Dimethylphthalate	9.634	163	2463176	40.43	ng		100
51) 2,6-Dinitrotoluene	9.692	165	535836	40.06	ng		97
52) Acenaphthene	9.939	154	2006273	36.80	ng		99
53) 3-Nitroaniline	9.863	138	391836	25.26	ng		94
54) 2,4-Dinitrophenol	9.975	184	615301	104.74	ng		92
55) Dibenzofuran	10.116	168	2774838	35.48	ng		99
56) 4-Nitrophenol	10.045	139	847764	71.31	ng		94
57) 2,4-Dinitrotoluene	10.104	165	698953	39.13	ng	#	87
58) Fluorene	10.457	166	2225414	36.20	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	600218	41.74	ng		98
60) Diethylphthalate	10.333	149	2571168	38.55	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	1078503	38.01	ng		100
62) 4-Nitroaniline	10.486	138	570462	36.41	ng		96
63) Azobenzene	10.610	77	2754215	36.45	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	386927	46.27	ng	#	73
66) n-Nitrosodiphenylamine	10.569	169	1994999	38.88	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	681493	40.67	ng		96
68) Hexachlorobenzene	11.004	284	771298	40.84	ng		97
69) Atrazine	11.098	200	620597	38.81	ng		99
70) Pentachlorophenol	11.204	266	794808	80.56	ng		97
71) Phenanthrene	11.422	178	3052976	36.50	ng		97
72) Anthracene	11.475	178	3133666	37.48	ng		98
73) Carbazole	11.628	167	2918398	34.97	ng		98
74) Di-n-butylphthalate	11.957	149	3800178	37.63	ng		99
75) Fluoranthene	12.610	202	3222461	35.05	ng		99
77) Benzidine	12.727	184	453650	17.16	ng		99
78) Pyrene	12.839	202	3161517	44.53	ng		99
80) Butylbenzylphthalate	13.457	149	1527873	45.80	ng		99
81) Benzo(a)anthracene	14.033	228	2268264	38.05	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	549995	28.88	ng		99
83) Chrysene	14.074	228	2209228	36.91	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1945031	43.85	ng		100
85) Di-n-octyl phthalate	14.633	149	2989980	41.88	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1879019	57.22	ng		98
88) Benzo(b)fluoranthene	15.092	252	2037552	46.89	ng		98
89) Benzo(k)fluoranthene	15.127	252	1615635	41.38	ng		99
90) Benzo(a)pyrene	15.463	252	1553915	44.95	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	1556215	56.03	ng		98
92) Benzo(g,h,i)perylene	17.474	276	1578297	55.56	ng		97

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

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