Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123584.D
Acq On : 16 Apr 2021 10:16
Operator : JU/CG
Sample : PB135740BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135740BS

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:54 AM

Quant Time: Apr 16 10:40:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 15:43:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	242743	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	944790	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	491824	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	931754	20.00	ng		0.00
76) Chrysene-d12	14.057	240	721916	20.00	ng		0.00
86) Perylene-d12	15.545	264	554430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1882403	125.34	ng		0.02
7) Phenol-d6	6.504	99	2453044	117.87	ng		0.00
23) Nitrobenzene-d5	7.440	82	1756187	85.45	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	766160	137.57	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2696755	81.74	ng		0.00
79) Terphenyl-d14	13.004	244	3150166	84.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	275504	35.11	ng		99
3) Pyridine	3.457	79	769254	40.09	ng		100
4) n-Nitrosodimethylamine	3.416	42	525252	46.20	ng		97
6) Aniline	6.534	93	955680	39.01	ng		99
8) 2-Chlorophenol	6.657	128	756043	46.87	ng		98
9) Benzaldehyde	6.416	77	462675	34.05	ng		99
10) Phenol	6.516	94	1010105	45.70	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	766743	46.66	ng		99
12) 1,3-Dichlorobenzene	6.810	146	748505	45.13	ng		98
13) 1,4-Dichlorobenzene	6.887	146	761884	45.27	ng		99
14) 1,2-Dichlorobenzene	7.040	146	721107	45.60	ng		97
15) Benzyl Alcohol	7.010	79	775799	47.25	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1686333	45.46	ng		99
17) 2-Methylphenol	7.122	107	656046	47.33	ng		96
18) Hexachloroethane	7.387	117	315899	47.08	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	605160	43.90	ng		99
20) 3+4-Methylphenols	7.281	107	813066	45.97	ng	#	85
22) Acetophenone	7.281	105	1171444	44.71	ng	#	91
24) Nitrobenzene	7.457	77	924290	42.72	ng		98
25) Isophorone	7.698	82	1717707	43.08	ng		99
26) 2-Nitrophenol	7.769	139	376900	50.97	ng		94
27) 2,4-Dimethylphenol	7.810	122	669236	49.04	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	959738	47.97	ng		99
29) 2,4-Dichlorophenol	8.016	162	592465	44.59	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	623000	43.64	ng		99
31) Naphthalene	8.181	128	2099679	43.14	ng		99
32) Benzoic acid	7.945	122	462240	50.64	ng		98
33) 4-Chloroaniline	8.222	127	388835	19.45	ng		97
34) Hexachlorobutadiene	8.298	225	386902	43.19	ng		99
35) Caprolactam	8.604	113	194711m	41.98	ng		
36) 4-Chloro-3-methylphenol	8.710	107	781689	45.36	ng		97
37) 2-Methylnaphthalene	8.875	142	1399017	43.84	ng		98
38) 1-Methylnaphthalene	8.975	142	1288906	42.69	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	607410	44.75	ng		98
41) Hexachlorocyclopentadiene	9.034	237	825146	116.98	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	435385	47.27	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	463521	46.03	ng		97
46)	1,1'-Biphenyl	9.339	154	1693405	43.99	ng		99
47)	2-Chloronaphthalene	9.363	162	1250864	43.18	ng		96
48)	2-Nitroaniline	9.457	65	575680	47.70	ng		92
49)	Acenaphthylene	9.781	152	2214319	46.73	ng		99
50)	Dimethylphthalate	9.645	163	1530055	45.03	ng		99
51)	2,6-Dinitrotoluene	9.704	165	341291	45.76	ng	#	84
52)	Acenaphthene	9.957	154	1567346	51.55	ng		98
53)	3-Nitroaniline	9.869	138	275292	31.82	ng		98
54)	2,4-Dinitrophenol	9.981	184	406791	124.17	ng		90
55)	Dibenzofuran	10.128	168	1871438	42.91	ng		99
56)	4-Nitrophenol	10.039	139	646269	97.48	ng		95
57)	2,4-Dinitrotoluene	10.110	165	471179	47.30	ng		95
58)	Fluorene	10.469	166	1504751	43.90	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	401415	50.06	ng		97
60)	Diethylphthalate	10.345	149	1676560	45.07	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	714470	45.15	ng		93
62)	4-Nitroaniline	10.492	138	396931	45.43	ng		94
63)	Azobenzene	10.622	77	1813888	43.05	ng		97
65)	4,6-Dinitro-2-methylph...	10.516	198	244204	50.23	ng		93
66)	n-Nitrosodiphenylamine	10.581	169	1346214	45.13	ng		99
67)	4-Bromophenyl-phenylether	10.951	248	441418	45.32	ng		92
68)	Hexachlorobenzene	11.022	284	507651	46.24	ng		96
69)	Atrazine	11.110	200	451859	48.61	ng		99
70)	Pentachlorophenol	11.216	266	600533	104.70	ng		97
71)	Phenanthrene	11.433	178	2157210	44.36	ng		99
72)	Anthracene	11.486	178	2202653	45.32	ng		100
73)	Carbazole	11.639	167	2111938	43.54	ng		97
74)	Di-n-butylphthalate	11.975	149	2664541	45.38	ng		100
75)	Fluoranthene	12.627	202	2378560	44.51	ng		98
77)	Benzidine	12.745	184	1266174	64.52	ng		97
78)	Pyrene	12.857	202	2386902	45.30	ng		99
80)	Butylbenzylphthalate	13.474	149	1120633	45.27	ng		99
81)	Benzo(a)anthracene	14.051	228	1977094	44.69	ng		100
82)	3,3'-Dichlorobenzidine	14.010	252	423398	29.96	ng		98
83)	Chrysene	14.086	228	1912237	43.04	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1504971	45.71	ng		100
85)	Di-n-octyl phthalate	14.657	149	2514446	47.46	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.039	276	1389057	46.96	ng		99
88)	Benzo(b)fluoranthene	15.110	252	1837453	46.94	ng		99
89)	Benzo(k)fluoranthene	15.145	252	1551517	44.22	ng		98
90)	Benzo(a)pyrene	15.486	252	1452711	46.66	ng		96
91)	Dibenzo(a,h)anthracene	17.062	278	1155701	46.19	ng		98
92)	Benzo(g,h,i)perylene	17.492	276	1123439	46.31	ng		99

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

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