Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123713.D
Acq On : 24 Apr 2021 12:57
Operator : JU/CG
Sample : PB135943BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135943BS

Manual Integrations APPROVED
mohammad
4/26/2021 11:38:31 AM

Quant Time: Apr 26 06:05:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 05:40:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	379743	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	1496435	20.00	ng		0.00
39) Acenaphthene-d10	9.869	164	798493	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	1438086	20.00	ng		0.00
76) Chrysene-d12	13.998	240	1015589	20.00	ng		0.00
86) Perylene-d12	15.457	264	636645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2467133	105.01	ng		0.02
7) Phenol-d6	6.475	99	3285556	100.91	ng		0.01
23) Nitrobenzene-d5	7.392	82	2095155	64.36	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	934975	103.40	ng		0.01
45) 2-Fluorobiphenyl	9.192	172	3188812	59.53	ng		0.00
79) Terphenyl-d14	12.939	244	3332176	63.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	440001	35.85	ng		97
3) Pyridine	3.393	79	1145872	38.18	ng		93
4) n-Nitrosodimethylamine	3.357	42	719644	40.46	ng		96
6) Aniline	6.492	93	977470	25.51	ng	#	66
8) 2-Chlorophenol	6.616	128	1056686	41.87	ng		96
9) Benzaldehyde	6.369	77	286361	13.47	ng		100
10) Phenol	6.487	94	1380740	39.93	ng		86
11) bis(2-Chloroethyl)ether	6.569	93	1118437	43.50	ng		95
12) 1,3-Dichlorobenzene	6.769	146	1041870	40.16	ng		96
13) 1,4-Dichlorobenzene	6.845	146	1052996	40.00	ng		96
14) 1,2-Dichlorobenzene	6.998	146	988776	39.97	ng		98
15) Benzyl Alcohol	6.975	79	1083477	42.18	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	2367999	40.80	ng		96
17) 2-Methylphenol	7.087	107	950876	43.85	ng		94
18) Hexachloroethane	7.339	117	446329	42.52	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	878857	40.75	ng		96
20) 3+4-Methylphenols	7.245	107	1122946	40.58	ng		97
22) Acetophenone	7.239	105	1652066	39.81	ng		92
24) Nitrobenzene	7.410	77	1336165	38.99	ng		96
25) Isophorone	7.657	82	2552544	40.42	ng		98
26) 2-Nitrophenol	7.728	139	585717	50.01	ng		97
27) 2,4-Dimethylphenol	7.769	122	975842	45.15	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	1444390	45.58	ng		100
29) 2,4-Dichlorophenol	7.975	162	867696	41.23	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	906360	40.08	ng		98
31) Naphthalene	8.133	128	3002470	38.95	ng		99
32) Benzoic acid	7.922	122	725598	50.22	ng		93
33) 4-Chloroaniline	8.181	127	496194	15.67	ng		94
34) Hexachlorobutadiene	8.251	225	564250	39.76	ng		98
35) Caprolactam	8.569	113	294501m	40.08	ng		
36) 4-Chloro-3-methylphenol	8.675	107	1109724	40.66	ng		95
37) 2-Methylnaphthalene	8.828	142	1990236	39.38	ng		99
38) 1-Methylnaphthalene	8.928	142	1849765	38.68	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	872436	39.59	ng		99
41) Hexachlorocyclopentadiene	8.980	237	753906	65.83	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	611303	40.88	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	651419	39.85	ng		98
46) 1,1'-Biphenyl	9.292	154	2382501	38.12	ng		99
47) 2-Chloronaphthalene	9.316	162	1757634	37.37	ng		97
48) 2-Nitroaniline	9.410	65	825058	42.11	ng		90
49) Acenaphthylene	9.733	152	3005087	39.06	ng		98
50) Dimethylphthalate	9.598	163	2127846	38.57	ng		99
51) 2,6-Dinitrotoluene	9.657	165	476226	39.33	ng		94
52) Acenaphthene	9.904	154	2138254m	43.32	ng		
53) 3-Nitroaniline	9.822	138	318151	22.65	ng		97
54) 2,4-Dinitrophenol	9.933	184	553434	104.05	ng		95
55) Dibenzofuran	10.075	168	2523662	35.64	ng		98
56) 4-Nitrophenol	10.004	139	784997	72.93	ng		97
57) 2,4-Dinitrotoluene	10.063	165	624610	38.62	ng	#	82
58) Fluorene	10.416	166	2005646	36.04	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	512048	39.33	ng		98
60) Diethylphthalate	10.298	149	2276285	37.69	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	945474	36.80	ng		97
62) 4-Nitroaniline	10.445	138	518626	36.56	ng		96
63) Azobenzene	10.569	77	2443805	35.72	ng		97
65) 4,6-Dinitro-2-methylph...	10.475	198	345424	46.03	ng	#	74
66) n-Nitrosodiphenylamine	10.533	169	1784047	38.75	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	602725	40.09	ng		96
68) Hexachlorobenzene	10.969	284	683507	40.34	ng		95
69) Atrazine	11.063	200	548975	38.26	ng		99
70) Pentachlorophenol	11.163	266	728937	82.34	ng		97
71) Phenanthrene	11.380	178	2804110	37.36	ng		98
72) Anthracene	11.433	178	2833010	37.77	ng		99
73) Carbazole	11.586	167	2722755	36.36	ng		97
74) Di-n-butylphthalate	11.916	149	3449498	38.07	ng		99
75) Fluoranthene	12.569	202	3010594	36.50	ng		98
77) Benzidine	12.686	184	497795	18.03	ng		97
78) Pyrene	12.798	202	3049094	41.14	ng		99
80) Butylbenzylphthalate	13.416	149	1458319	41.87	ng		99
81) Benzo(a)anthracene	13.986	228	2330363	37.44	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	603429	30.35	ng		98
83) Chrysene	14.027	228	2326869	37.23	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	1850086	39.95	ng		99
85) Di-n-octyl phthalate	14.592	149	3025821	40.60	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	1844913	54.31	ng		99
88) Benzo(b)fluoranthene	15.033	252	2145627	47.73	ng		99
89) Benzo(k)fluoranthene	15.068	252	1752445	43.47	ng		99
90) Benzo(a)pyrene	15.398	252	1673237	46.80	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	1534855	53.42	ng		99
92) Benzo(g,h,i)perylene	17.356	276	1549178	53.38	ng		97

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

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