Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123481.D
Acq On : 26 Mar 2021 12:10
Operator : JU/CG
Sample : PB135294BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135294BS

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:46 PM

Quant Time: Mar 26 12:56:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	231638	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	879088	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	465994	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	854593	20.00	ng	0.00
76) Chrysene-d12	14.086	240	613631	20.00	ng	0.00
86) Perylene-d12	15.580	264	416589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1553768	109.74	ng	0.01
7) Phenol-d6	6.534	99	2020068	107.17	ng	0.00
23) Nitrobenzene-d5	7.463	82	1162155	71.35	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	619445	118.90	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2053330	62.95	ng	0.00
79) Terphenyl-d14	13.027	244	2147106	59.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	264847	38.89	ng	# 68
3) Pyridine	3.540	79	699272	39.05	ng	# 61
4) n-Nitrosodimethylamine	3.499	42	434758	40.58	ng	# 70
6) Aniline	6.563	93	769306	33.36	ng	94
8) 2-Chlorophenol	6.692	128	649390	41.59	ng	94
9) Benzaldehyde	6.445	77	172761	15.20	ng	94
10) Phenol	6.545	94	841259	43.48	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	657394	42.61	ng	84
12) 1,3-Dichlorobenzene	6.845	146	698737	41.47	ng	97
13) 1,4-Dichlorobenzene	6.922	146	707855	42.01	ng	99
14) 1,2-Dichlorobenzene	7.069	146	684677	43.74	ng	97
15) Benzyl Alcohol	7.040	79	587500	39.81	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1383996	39.97	ng	87
17) 2-Methylphenol	7.151	107	540709	42.12	ng	97
18) Hexachloroethane	7.416	117	269585	42.70	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	487356	39.97	ng	# 79
20) 3+4-Methylphenols	7.304	107	655863	41.02	ng	92
22) Acetophenone	7.310	105	900379	40.80	ng	# 84
24) Nitrobenzene	7.487	77	738480	41.01	ng	97
25) Isophorone	7.728	82	1326586	37.88	ng	98
26) 2-Nitrophenol	7.798	139	344494	53.52	ng	# 86
27) 2,4-Dimethylphenol	7.839	122	615632	43.01	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	817317	43.31	ng	99
29) 2,4-Dichlorophenol	8.045	162	568446	40.46	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	626026	40.85	ng	99
31) Naphthalene	8.210	128	1862761	39.41	ng	100
32) Benzoic acid	7.963	122	427820	50.65	ng	97
33) 4-Chloroaniline	8.251	127	443616	22.88	ng	# 93
34) Hexachlorobutadiene	8.328	225	368065	39.37	ng	98
35) Caprolactam	8.628	113	180346m	42.69	ng	
36) 4-Chloro-3-methylphenol	8.739	107	604254	40.98	ng	98
37) 2-Methylnaphthalene	8.904	142	1289035	39.78	ng	100
38) 1-Methylnaphthalene	9.004	142	1201767	39.51	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	575551	41.51	ng	98
41) Hexachlorocyclopentadiene	9.057	237	628902	81.23	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	404439	41.66	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	421971	41.36	ng		97
46) 1,1'-Biphenyl	9.369	154	1488652	41.45	ng		98
47) 2-Chloronaphthalene	9.392	162	1175918	40.14	ng		98
48) 2-Nitroaniline	9.486	65	429602	48.32	ng	#	75
49) Acenaphthylene	9.810	152	1831364	39.97	ng		100
50) Dimethylphthalate	9.669	163	1330678	40.20	ng		99
51) 2,6-Dinitrotoluene	9.728	165	304520	44.04	ng	#	78
52) Acenaphthene	9.981	154	1300042	45.45	ng		99
53) 3-Nitroaniline	9.898	138	244534	33.49	ng		90
54) 2,4-Dinitrophenol	10.004	184	327845	97.52	ng	#	88
55) Dibenzofuran	10.157	168	1600657	38.92	ng		100
56) 4-Nitrophenol	10.057	139	520165	88.33	ng	#	64
57) 2,4-Dinitrotoluene	10.133	165	410422	47.56	ng	#	90
58) Fluorene	10.498	166	1241095	39.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	357463	42.92	ng		95
60) Diethylphthalate	10.375	149	1294393	40.06	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	610885	40.26	ng		94
62) 4-Nitroaniline	10.516	138	300496	43.43	ng		95
63) Azobenzene	10.651	77	1330757	37.43	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	220129	47.90	ng		92
66) n-Nitrosodiphenylamine	10.610	169	1102273	38.49	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	401528	39.67	ng		99
68) Hexachlorobenzene	11.051	284	446205	40.00	ng		95
69) Atrazine	11.133	200	326050	35.82	ng		99
70) Pentachlorophenol	11.239	266	530407	79.69	ng		99
71) Phenanthrene	11.463	178	1854789	39.26	ng		99
72) Anthracene	11.516	178	1854472	39.03	ng		99
73) Carbazole	11.669	167	1712321	38.14	ng		99
74) Di-n-butylphthalate	11.998	149	1948829	38.13	ng		99
75) Fluoranthene	12.657	202	2063702	40.34	ng		98
77) Benzidine	12.769	184	546222	29.88	ng		99
78) Pyrene	12.886	202	2048030	38.69	ng		99
80) Butylbenzylphthalate	13.504	149	815349	41.53	ng		94
81) Benzo(a)anthracene	14.074	228	1580048	39.34	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	453458	34.71	ng		98
83) Chrysene	14.116	228	1596785	38.51	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	1047256	40.52	ng		98
85) Di-n-octyl phthalate	14.686	149	1666465	40.79	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.104	276	1261895	48.74	ng		98
88) Benzo(b)fluoranthene	15.145	252	1313600	45.70	ng		98
89) Benzo(k)fluoranthene	15.174	252	1265512	46.58	ng		98
90) Benzo(a)pyrene	15.521	252	1124218	45.31	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1028409	46.79	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1059565	48.16	ng		98

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

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