Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123937.D
Acq On : 15 May 2021 10:48
Operator : JU/CG
Sample : PB136395BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136395BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:54 AM

Quant Time: May 16 05:17:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	50088	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	192638	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	103574	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	190793	20.00	ng		0.00
76) Chrysene-d12	14.068	240	131626	20.00	ng		# 0.00
86) Perylene-d12	15.557	264	101765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	423384	118.68	ng		0.02
7) Phenol-d6	6.528	99	518904	112.13	ng		0.00
23) Nitrobenzene-d5	7.469	82	371280	83.04	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	164080	131.89	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	672014	79.84	ng		0.00
79) Terphenyl-d14	13.016	244	725882	83.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	54926	35.06	ng		93
3) Pyridine	3.563	79	143360	35.45	ng		97
4) n-Nitrosodimethylamine	3.528	42	109767	41.79	ng		95
6) Aniline	6.563	93	184410	35.10	ng		95
8) 2-Chlorophenol	6.687	128	149235	40.20	ng		95
9) Benzaldehyde	6.451	77	119317	59.58	ng		92
10) Phenol	6.540	94	200837	42.94	ng		98
11) bis(2-Chloroethyl)ether	6.640	93	153720	42.29	ng		96
12) 1,3-Dichlorobenzene	6.845	146	179432m	41.49	ng		
13) 1,4-Dichlorobenzene	6.922	146	176949	39.99	ng		93
14) 1,2-Dichlorobenzene	7.075	146	173964	42.07	ng		95
15) Benzyl Alcohol	7.040	79	162013	40.53	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	303200	41.43	ng		98
17) 2-Methylphenol	7.145	107	126513	42.02	ng		94
18) Hexachloroethane	7.416	117	67193	40.97	ng		93
19) n-Nitroso-di-n-propyla...	7.316	70	128518	41.10	ng		96
20) 3+4-Methylphenols	7.298	107	166401	41.96	ng		88
22) Acetophenone	7.316	105	222928	40.75	ng	#	93
24) Nitrobenzene	7.487	77	182433	39.91	ng		99
25) Isophorone	7.728	82	325615	37.86	ng		97
26) 2-Nitrophenol	7.798	139	76890	44.71	ng		98
27) 2,4-Dimethylphenol	7.834	122	145295	44.12	ng		89
28) bis(2-Chloroethoxy)met...	7.934	93	184793	42.73	ng		98
29) 2,4-Dichlorophenol	8.039	162	131544	39.47	ng		93
30) 1,2,4-Trichlorobenzene	8.128	180	146178	39.01	ng		96
31) Naphthalene	8.210	128	440743	38.66	ng		98
32) Benzoic acid	7.951	122	92498	51.18	ng		94
33) 4-Chloroaniline	8.251	127	82144	18.93	ng		95
34) Hexachlorobutadiene	8.328	225	93721	38.20	ng		96
35) Caprolactam	8.622	113	39262m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.728	107	146818	40.28	ng		97
37) 2-Methylnaphthalene	8.904	142	302243	39.11	ng		99
38) 1-Methylnaphthalene	8.998	142	279397	38.75	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	147262	39.42	ng		99
41) Hexachlorocyclopentadiene	9.057	237	235419	99.08	ng		93
43) 2,4,6-Trichlorophenol	9.175	196	101248	41.77	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	102337	40.64	ng		95
46) 1,1'-Biphenyl	9.369	154	379561	41.61	ng		98
47) 2-Chloronaphthalene	9.392	162	282002	38.92	ng		97
48) 2-Nitroaniline	9.481	65	108298	44.26	ng		95
49) Acenaphthylene	9.810	152	433177	40.46	ng		98
50) Dimethylphthalate	9.669	163	345491	41.77	ng		99
51) 2,6-Dinitrotoluene	9.722	165	73246	43.79	ng		93
52) Acenaphthene	9.980	154	321252	43.84	ng		97
53) 3-Nitroaniline	9.892	138	45258	27.23	ng		91
54) 2,4-Dinitrophenol	9.998	184	76704	84.83	ng		91
55) Dibenzofuran	10.151	168	408850	38.85	ng		99
56) 4-Nitrophenol	10.045	139	129209	93.98	ng		97
57) 2,4-Dinitrotoluene	10.128	165	99802	48.65	ng	#	96
58) Fluorene	10.492	166	319096	40.23	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.263	232	88193m	42.59	ng		
60) Diethylphthalate	10.369	149	340285	41.54	ng		94
61) 4-Chlorophenyl-phenyle...	10.486	204	160132	40.29	ng		94
62) 4-Nitroaniline	10.510	138	73908	44.71	ng		92
63) Azobenzene	10.645	77	363089	39.86	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	46028	38.64	ng		91
66) n-Nitrosodiphenylamine	10.604	169	283862	38.94	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	100893	40.24	ng		94
68) Hexachlorobenzene	11.039	284	113513	40.55	ng		98
69) Atrazine	11.127	200	99406	48.28	ng		99
70) Pentachlorophenol	11.233	266	139445	84.03	ng		98
71) Phenanthrene	11.457	178	474723	39.26	ng		99
72) Anthracene	11.510	178	491128	40.08	ng		98
73) Carbazole	11.657	167	408504	38.11	ng		96
74) Di-n-butylphthalate	11.992	149	532622	39.70	ng		99
75) Fluoranthene	12.645	202	494149	39.47	ng		97
77) Benzidine	12.763	184	230330	72.52	ng	#	94
78) Pyrene	12.874	202	483050	41.34	ng		97
80) Butylbenzylphthalate	13.492	149	200420	43.74	ng		96
81) Benzo(a)anthracene	14.063	228	369696	38.84	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	65409	22.12	ng		97
83) Chrysene	14.098	228	343781	37.55	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	275105	42.54	ng		94
85) Di-n-octyl phthalate	14.668	149	394855	40.39	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	311741	39.67	ng	#	95
88) Benzo(b)fluoranthene	15.121	252	330813	42.02	ng	#	98
89) Benzo(k)fluoranthene	15.151	252	279425	38.95	ng	#	96
90) Benzo(a)pyrene	15.498	252	282552	41.52	ng		96
91) Dibenzo(a,h)anthracene	17.080	278	262550	39.67	ng	#	92
92) Benzo(g,h,i)perylene	17.515	276	258318	38.92	ng	#	94

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

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