Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124061.D
Acq On : 26 May 2021 12:48
Operator : JU/CG
Sample : PB136648BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136648BS

Manual Integrations APPROVED
mohammad
5/27/2021 1:48:47 PM

Quant Time: May 26 13:24:58 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	6.892	152	66462	20.00	ng		-0.01
21) Naphthalene-d8	8.180	136	255539	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	147375	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	262366	20.00	ng		0.00
76) Chrysene-d12	14.074	240	187836	20.00	ng		0.00
86) Perylene-d12	15.562	264	127452	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	535549	113.14	ng		0.02
7) Phenol-d6	6.534	99	666554	108.55	ng		0.01
23) Nitrobenzene-d5	7.463	82	504365	85.04	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	229482	129.64	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	891795	74.47	ng		0.00
79) Terphenyl-d14	13.015	244	983908	79.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	68032	32.73	ng		99
3) Pyridine	3.575	79	167038	31.13	ng		87
4) n-Nitrosodimethylamine	3.540	42	132360	37.98	ng		98
6) Aniline	6.557	93	200368	28.74	ng		91
8) 2-Chlorophenol	6.681	128	210518	42.73	ng		97
9) Benzaldehyde	6.445	77	135675	51.06	ng		96
10) Phenol	6.545	94	264797	42.67	ng		87
11) bis(2-Chloroethyl)ether	6.628	93	202746	42.03	ng		97
12) 1,3-Dichlorobenzene	6.839	146	234752m	40.91	ng		
13) 1,4-Dichlorobenzene	6.910	146	241985	41.21	ng		97
14) 1,2-Dichlorobenzene	7.063	146	228143	41.58	ng		99
15) Benzyl Alcohol	7.039	79	199682	37.65	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	356042	36.67	ng		90
17) 2-Methylphenol	7.151	107	175553	43.95	ng		93
18) Hexachloroethane	7.410	117	95149	43.72	ng	#	86
19) n-Nitroso-di-n-propyla...	7.316	70	172656	41.61	ng		93
20) 3+4-Methylphenols	7.304	107	222781	42.34	ng		90
22) Acetophenone	7.304	105	307739	42.41	ng	#	83
24) Nitrobenzene	7.481	77	254637	41.99	ng		97
25) Isophorone	7.722	82	430809	37.76	ng		100
26) 2-Nitrophenol	7.792	139	115879	50.80	ng	#	95
27) 2,4-Dimethylphenol	7.833	122	190047	43.51	ng		93
28) bis(2-Chloroethoxy)met...	7.928	93	250057	43.59	ng		99
29) 2,4-Dichlorophenol	8.039	162	185752	42.01	ng		92
30) 1,2,4-Trichlorobenzene	8.122	180	204612	41.16	ng		100
31) Naphthalene	8.204	128	595668	39.39	ng		98
32) Benzoic acid	7.969	122	73044	30.47	ng		94
33) 4-Chloroaniline	8.245	127	62800	10.91	ng		97
34) Hexachlorobutadiene	8.316	225	136725	42.01	ng		95
35) Caprolactam	8.633	113	52589m	43.69	ng		
36) 4-Chloro-3-methylphenol	8.733	107	201228	41.62	ng		91
37) 2-Methylnaphthalene	8.892	142	414378	40.43	ng		100
38) 1-Methylnaphthalene	8.992	142	383577	40.10	ng		94
40) 1,2,4,5-Tetrachloroben...	9.063	216	218902	41.18	ng		99
41) Hexachlorocyclopentadiene	9.051	237	290503	85.93	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	130979	37.98	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	142665	39.82	ng	#	92
46) 1,1'-Biphenyl	9.357	154	523657	40.34	ng		97
47) 2-Chloronaphthalene	9.386	162	392194	38.04	ng		95
48) 2-Nitroaniline	9.480	65	153231	44.01	ng		95
49) Acenaphthylene	9.804	152	602778	39.57	ng		99
50) Dimethylphthalate	9.663	163	475016	40.36	ng		99
51) 2,6-Dinitrotoluene	9.722	165	103190	43.36	ng		95
52) Acenaphthene	9.974	154	386054	37.02	ng		96
53) 3-Nitroaniline	9.886	138	53202	22.49	ng		96
54) 2,4-Dinitrophenol	10.004	184	112727	87.38	ng	#	90
55) Dibenzofuran	10.145	168	575682	38.44	ng		100
56) 4-Nitrophenol	10.063	139	156728	80.11	ng		92
57) 2,4-Dinitrotoluene	10.127	165	145878	49.98	ng		93
58) Fluorene	10.492	166	455423	40.35	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.263	232	118670	40.28	ng		93
60) Diethylphthalate	10.363	149	492946	42.30	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	230572	40.77	ng		94
62) 4-Nitroaniline	10.510	138	101004	42.94	ng	#	80
63) Azobenzene	10.639	77	499416	38.53	ng		95
65) 4,6-Dinitro-2-methylph...	10.539	198	74430	44.48	ng		80
66) n-Nitrosodiphenylamine	10.598	169	399305	39.83	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	143517	41.62	ng		91
68) Hexachlorobenzene	11.039	284	161021	41.83	ng	#	93
69) Atrazine	11.127	200	139734	49.35	ng		98
70) Pentachlorophenol	11.233	266	166360	72.90	ng		97
71) Phenanthrene	11.457	178	663518	39.90	ng		98
72) Anthracene	11.510	178	682013	40.48	ng		100
73) Carbazole	11.657	167	559221	37.94	ng		98
74) Di-n-butylphthalate	11.986	149	741776	40.21	ng		98
75) Fluoranthene	12.645	202	681178	39.56	ng		98
77) Benzidine	12.757	184	234833	51.81	ng	#	97
78) Pyrene	12.874	202	673989	40.42	ng		97
80) Butylbenzylphthalate	13.486	149	288826	44.17	ng		95
81) Benzo(a)anthracene	14.062	228	524361	38.60	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	98432	23.32	ng		97
83) Chrysene	14.104	228	502146	38.43	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	401933	43.56	ng		96
85) Di-n-octyl phthalate	14.662	149	583541	41.83	ng		95
87) Indeno(1,2,3-cd)pyrene	17.080	276	364196	37.00	ng		95
88) Benzo(b)fluoranthene	15.127	252	400522	40.62	ng		97
89) Benzo(k)fluoranthene	15.156	252	399132	44.42	ng		99
90) Benzo(a)pyrene	15.504	252	363373	42.64	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	312587	37.71	ng	#	97
92) Benzo(g,h,i)perylene	17.539	276	303344	36.49	ng		99

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

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