Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051221\
Data File : BF123921.D
Acq On : 12 May 2021 13:27
Operator : JU/CG
Sample : PB136281BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136281BS

Manual Integrations APPROVED
Sohil
5/13/2021 2:51:23 PM

Quant Time: May 12 14:02:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 18:02:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	177546	20.00	ng		0.00
21) Naphthalene-d8	8.045	136	759858	20.00	ng		# 0.00
39) Acenaphthene-d10	9.798	164	352942	20.00	ng		0.00
64) Phenanthrene-d10	11.286	188	583347	20.00	ng		# 0.00
76) Chrysene-d12	13.927	240	370492	20.00	ng		# 0.00
86) Perylene-d12	15.362	264	261213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1111216	74.94	ng		0.01
7) Phenol-d6	6.410	99	1455708	74.07	ng		0.00
23) Nitrobenzene-d5	7.328	82	1140757	66.88	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	188000	77.32	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	1486785	66.35	ng		0.00
79) Terphenyl-d14	12.874	244	1216159	59.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	313388	37.10	ng	#	74
3) Pyridine	3.269	79	809841	41.43	ng	#	67
4) n-Nitrosodimethylamine	3.228	42	356791	44.53	ng	#	71
6) Aniline	6.422	93	699940	31.64	ng	#	38
8) 2-Chlorophenol	6.551	128	607867	41.24	ng		90
9) Benzaldehyde	6.304	77	97361	10.79	ng		97
10) Phenol	6.422	94	831561	40.50	ng		91
11) bis(2-Chloroethyl)ether	6.498	93	675634	43.68	ng	#	84
12) 1,3-Dichlorobenzene	6.698	146	615812	42.48	ng		96
13) 1,4-Dichlorobenzene	6.775	146	610981	41.89	ng		100
14) 1,2-Dichlorobenzene	6.928	146	592360	43.52	ng		97
15) Benzyl Alcohol	6.910	79	547143	44.64	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.039	45	1077037	41.84	ng		88
17) 2-Methylphenol	7.028	107	531990	42.45	ng		96
18) Hexachloroethane	7.269	117	251858	41.44	ng		94
19) n-Nitroso-di-n-propyla...	7.181	70	478265	42.01	ng		90
20) 3+4-Methylphenols	7.181	107	622804	40.18	ng	#	87
22) Acetophenone	7.169	105	892683	42.23	ng	#	89
24) Nitrobenzene	7.345	77	723060	40.64	ng		98
25) Isophorone	7.586	82	1344967	41.19	ng		99
26) 2-Nitrophenol	7.663	139	328050	42.45	ng	#	80
27) 2,4-Dimethylphenol	7.710	122	549512	43.29	ng		90
28) bis(2-Chloroethoxy)met...	7.798	93	823592	44.41	ng		100
29) 2,4-Dichlorophenol	7.910	162	452598	39.60	ng		99
30) 1,2,4-Trichlorobenzene	7.986	180	467819	41.49	ng		97
31) Naphthalene	8.069	128	1776650	40.99	ng		99
32) Benzoic acid	7.851	122	298803	48.40	ng		93
33) 4-Chloroaniline	8.116	127	422550	24.84	ng	#	92
34) Hexachlorobutadiene	8.186	225	233754	40.81	ng		97
35) Caprolactam	8.492	113	177090m	44.66	ng		
36) 4-Chloro-3-methylphenol	8.610	107	581700	42.98	ng		98
37) 2-Methylnaphthalene	8.757	142	1094119	42.42	ng		99
38) 1-Methylnaphthalene	8.857	142	1019940	41.50	ng		99
40) 1,2,4,5-Tetrachloroben...	8.928	216	362000	41.11	ng	#	97
41) Hexachlorocyclopentadiene	8.916	237	315517	151.48	ng		93
43) 2,4,6-Trichlorophenol	9.039	196	239389	39.46	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	253680	39.34	ng	#	88
46) 1,1'-Biphenyl	9.222	154	1245985	40.78	ng		97
47) 2-Chloronaphthalene	9.251	162	919958	41.51	ng		99
48) 2-Nitroaniline	9.351	65	355908	42.84	ng	#	82
49) Acenaphthylene	9.663	152	1411820	42.30	ng		98
50) Dimethylphthalate	9.533	163	1054531	43.09	ng		99
51) 2,6-Dinitrotoluene	9.592	165	229024	40.90	ng	#	83
52) Acenaphthene	9.839	154	914141	41.38	ng		97
53) 3-Nitroaniline	9.763	138	221036	30.77	ng		95
54) 2,4-Dinitrophenol	9.875	184	224835	100.41	ng	#	86
55) Dibenzofuran	10.010	168	1199456	38.82	ng		97
56) 4-Nitrophenol	9.945	139	372224	89.16	ng	#	76
57) 2,4-Dinitrotoluene	9.998	165	302206	41.12	ng		93
58) Fluorene	10.351	166	916820	39.98	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.133	232	213205	44.37	ng		97
60) Diethylphthalate	10.227	149	1023230	42.31	ng		97
61) 4-Chlorophenyl-phenyle...	10.345	204	399750	40.66	ng		97
62) 4-Nitroaniline	10.380	138	287451	41.97	ng		88
63) Azobenzene	10.504	77	1295887	42.05	ng		92
65) 4,6-Dinitro-2-methylph...	10.410	198	160170	41.35	ng	#	77
66) n-Nitrosodiphenylamine	10.463	169	826901	39.61	ng		98
67) 4-Bromophenyl-phenylether	10.833	248	240602	40.97	ng		92
68) Hexachlorobenzene	10.898	284	228583	41.12	ng	#	83
69) Atrazine	10.992	200	224911	36.15	ng		98
70) Pentachlorophenol	11.098	266	222599	95.22	ng		96
71) Phenanthrene	11.310	178	1391262	39.26	ng		100
72) Anthracene	11.363	178	1432129	40.44	ng		99
73) Carbazole	11.522	167	1294688	39.47	ng		98
74) Di-n-butylphthalate	11.851	149	1625315	41.43	ng		99
75) Fluoranthene	12.498	202	1358723	42.60	ng		96
77) Benzidine	12.621	184	475808	41.66	ng		97
78) Pyrene	12.727	202	1378138	39.77	ng		98
80) Butylbenzylphthalate	13.351	149	665466	41.67	ng		90
81) Benzo(a)anthracene	13.921	228	961763	38.89	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	263733	34.32	ng	#	94
83) Chrysene	13.957	228	1013445	39.41	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	847342	40.42	ng	#	99
85) Di-n-octyl phthalate	14.521	149	1512091	42.08	ng		98
87) Indeno(1,2,3-cd)pyrene	16.786	276	722680	41.97	ng	#	82
88) Benzo(b)fluoranthene	14.951	252	874260	45.14	ng	#	94
89) Benzo(k)fluoranthene	14.986	252	792390	44.87	ng	#	96
90) Benzo(a)pyrene	15.310	252	722313	42.95	ng	#	94
91) Dibenzo(a,h)anthracene	16.798	278	598966	41.17	ng	#	90
92) Benzo(g,h,i)perylene	17.215	276	618043	41.38	ng	#	81

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

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