Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122982.D
Acq On : 18 Jan 2021 11:35
Operator : JU/CG
Sample : PB134164BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134164BS

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:13 PM

Quant Time: Jan 18 13:28:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	216730	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	971854	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	450228	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	661672	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	489297	20.00	ng	# 0.00
86) Perylene-d12	15.557	264	524926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1882389	131.29	ng	0.02
7) Phenol-d6	6.522	99	2625076	136.23	ng	0.00
23) Nitrobenzene-d5	7.463	82	1333555	70.61	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	553303	108.67	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1849874	57.53	ng	0.00
79) Terphenyl-d14	13.022	244	1899678	71.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	241935	34.74	ng	# 73
3) Pyridine	3.534	79	783653	41.58	ng	# 73
4) n-Nitrosodimethylamine	3.493	42	477686	56.78	ng	# 76
6) Aniline	6.557	93	967211	41.61	ng	98
8) 2-Chlorophenol	6.681	128	817883	54.02	ng	90
9) Benzaldehyde	6.445	77	133268	11.28	ng	98
10) Phenol	6.534	94	1059548m	54.75	ng	
11) bis(2-Chloroethyl)ether	6.634	93	816507	52.11	ng	89
12) 1,3-Dichlorobenzene	6.840	146	782880	44.68	ng	# 95
13) 1,4-Dichlorobenzene	6.916	146	735356	41.68	ng	97
14) 1,2-Dichlorobenzene	7.069	146	696133	42.29	ng	98
15) Benzyl Alcohol	7.040	79	646850	47.62	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1375961	50.38	ng	88
17) 2-Methylphenol	7.145	107	575919	44.84	ng	98
18) Hexachloroethane	7.416	117	250906	39.34	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	511999	44.85	ng	# 80
20) 3+4-Methylphenols	7.298	107	677451	42.17	ng	89
22) Acetophenone	7.310	105	879143	35.97	ng	# 94
24) Nitrobenzene	7.481	77	760654	39.30	ng	93
25) Isophorone	7.722	82	1395121	41.40	ng	97
26) 2-Nitrophenol	7.792	139	360793	41.26	ng	93
27) 2,4-Dimethylphenol	7.828	122	604206	43.39	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	838005	36.79	ng	98
29) 2,4-Dichlorophenol	8.034	162	586283	40.33	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	579068	37.39	ng	98
31) Naphthalene	8.204	128	2073597	41.50	ng	99
32) Benzoic acid	7.951	122	445526	38.08	ng	95
33) 4-Chloroaniline	8.245	127	451912	20.73	ng	# 93
34) Hexachlorobutadiene	8.322	225	296782	35.06	ng	99
35) Caprolactam	8.622	113	198017m	40.08	ng	
36) 4-Chloro-3-methylphenol	8.728	107	666645	43.12	ng	86
37) 2-Methylnaphthalene	8.898	142	1339318	38.86	ng	96
38) 1-Methylnaphthalene	8.998	142	1060044	32.57	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	411616	33.30	ng	# 96
41) Hexachlorocyclopentadiene	9.051	237	518389	86.34	ng	93
43) 2,4,6-Trichlorophenol	9.169	196	325749	35.36	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	324988	34.76	ng	#	90
46) 1,1'-Biphenyl	9.363	154	1451534	39.64	ng		99
47) 2-Chloronaphthalene	9.386	162	1167070	38.20	ng		100
48) 2-Nitroaniline	9.475	65	450176	43.23	ng	#	75
49) Acenaphthylene	9.804	152	1816898	40.77	ng		100
50) Dimethylphthalate	9.663	163	1382205	39.55	ng		100
51) 2,6-Dinitrotoluene	9.722	165	323897	42.38	ng	#	80
52) Acenaphthene	9.975	154	1249986	43.39	ng		98
53) 3-Nitroaniline	9.886	138	218176	23.09	ng		82
54) 2,4-Dinitrophenol	9.992	184	275714	66.68	ng	#	70
55) Dibenzofuran	10.151	168	1637040	40.77	ng		98
56) 4-Nitrophenol	10.045	139	606941	87.15	ng	#	74
57) 2,4-Dinitrotoluene	10.128	165	430257	43.76	ng		95
58) Fluorene	10.492	166	1137781	36.22	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	300846	40.32	ng	#	78
60) Diethylphthalate	10.363	149	1361777	40.10	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	474774	33.61	ng	#	88
62) 4-Nitroaniline	10.504	138	324150	34.78	ng		97
63) Azobenzene	10.645	77	1468454	43.21	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	178356	47.86	ng	#	63
66) n-Nitrosodiphenylamine	10.598	169	1114335	45.11	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	306614	37.90	ng		94
68) Hexachlorobenzene	11.039	284	376604	40.71	ng	#	92
69) Atrazine	11.128	200	269165	40.93	ng		95
70) Pentachlorophenol	11.233	266	443381	91.13	ng		99
71) Phenanthrene	11.457	178	1629356	41.09	ng		99
72) Anthracene	11.510	178	1656900	42.28	ng		100
73) Carbazole	11.657	167	1603226	42.20	ng		98
74) Di-n-butylphthalate	11.992	149	1938727	43.13	ng		100
75) Fluoranthene	12.645	202	1730824	43.15	ng		97
77) Benzidine	12.763	184	600736	46.37	ng		99
78) Pyrene	12.874	202	1760370	44.93	ng		100
80) Butylbenzylphthalate	13.492	149	795433	45.30	ng		87
81) Benzo(a)anthracene	14.069	228	1375963	42.02	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	359703	33.55	ng	#	98
83) Chrysene	14.104	228	1356391	41.07	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	1008550	43.08	ng		99
85) Di-n-octyl phthalate	14.674	149	1984310	52.41	ng	#	87
87) Indeno(1,2,3-cd)pyrene	17.051	276	1566503	47.37	ng	#	93
88) Benzo(b)fluoranthene	15.127	252	1546363	43.65	ng		98
89) Benzo(k)fluoranthene	15.157	252	1439050m	39.62	ng		
90) Benzo(a)pyrene	15.498	252	1377820	43.05	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	1280096	47.24	ng	#	96
92) Benzo(g,h,i)perylene	17.509	276	1265223	48.24	ng	#	94

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

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