Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123458.D
Acq On : 25 Mar 2021 13:07
Operator : JU/CG
Sample : PB135237BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135237BSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:29 PM

Quant Time: Mar 25 14:03:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 12:42:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	210688	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	786577	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	416821	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	765671	20.00	ng	0.00
76) Chrysene-d12	14.086	240	545283	20.00	ng	0.00
86) Perylene-d12	15.574	264	443791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1287064	99.94	ng	0.02
7) Phenol-d6	6.528	99	1666067	97.18	ng	0.00
23) Nitrobenzene-d5	7.463	82	898407	61.64	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	492877	105.77	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1658245	56.84	ng	0.00
79) Terphenyl-d14	13.021	244	1711199	53.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	247975	40.04	ng	# 68
3) Pyridine	3.540	79	658754	40.44	ng	# 62
4) n-Nitrosodimethylamine	3.493	42	391368	40.16	ng	# 71
6) Aniline	6.563	93	685080	32.66	ng	96
8) 2-Chlorophenol	6.686	128	573511	40.38	ng	89
9) Benzaldehyde	6.445	77	142975	13.49	ng	95
10) Phenol	6.539	94	751049	42.68	ng	96
11) bis(2-Chloroethyl)ether	6.633	93	578897	41.26	ng	# 82
12) 1,3-Dichlorobenzene	6.839	146	623261m	40.67	ng	
13) 1,4-Dichlorobenzene	6.916	146	627680	40.96	ng	96
14) 1,2-Dichlorobenzene	7.069	146	604384	42.45	ng	97
15) Benzyl Alcohol	7.039	79	513136	38.23	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1228498	39.01	ng	86
17) 2-Methylphenol	7.151	107	475125	40.69	ng	97
18) Hexachloroethane	7.416	117	240086	41.81	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	429960	38.77	ng	# 80
20) 3+4-Methylphenols	7.298	107	576669	39.65	ng	# 88
22) Acetophenone	7.310	105	797387	40.38	ng	# 93
24) Nitrobenzene	7.480	77	643033	39.91	ng	94
25) Isophorone	7.722	82	1162929	37.11	ng	96
26) 2-Nitrophenol	7.798	139	283381	49.20	ng	91
27) 2,4-Dimethylphenol	7.833	122	543172	42.41	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	714386	42.30	ng	100
29) 2,4-Dichlorophenol	8.039	162	493236	39.24	ng	97
30) 1,2,4-Trichlorobenzene	8.127	180	542232	39.54	ng	97
31) Naphthalene	8.210	128	1647312	38.95	ng	100
32) Benzoic acid	7.951	122	350334	46.36	ng	98
33) 4-Chloroaniline	8.251	127	389893	22.47	ng	# 95
34) Hexachlorobutadiene	8.327	225	320613	38.33	ng	99
35) Caprolactam	8.616	113	156363m	41.36	ng	
36) 4-Chloro-3-methylphenol	8.733	107	519965	39.41	ng	98
37) 2-Methylnaphthalene	8.904	142	1139768	39.31	ng	100
38) 1-Methylnaphthalene	8.998	142	1067678	39.23	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	496828	40.06	ng	98
41) Hexachlorocyclopentadiene	9.057	237	647210	93.46	ng	96
43) 2,4,6-Trichlorophenol	9.174	196	353014	40.65	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	361594	39.62	ng		97
46) 1,1'-Biphenyl	9.369	154	1318943	41.06	ng		97
47) 2-Chloronaphthalene	9.392	162	1043797	39.83	ng		97
48) 2-Nitroaniline	9.480	65	366769	46.12	ng	#	73
49) Acenaphthylene	9.810	152	1632497	39.83	ng		99
50) Dimethylphthalate	9.669	163	1168940	39.48	ng		100
51) 2,6-Dinitrotoluene	9.722	165	262526	42.45	ng	#	71
52) Acenaphthene	9.980	154	1119028	43.73	ng		100
53) 3-Nitroaniline	9.892	138	204498	31.31	ng		87
54) 2,4-Dinitrophenol	9.998	184	254276	85.71	ng	#	86
55) Dibenzofuran	10.151	168	1415718	38.49	ng		99
56) 4-Nitrophenol	10.051	139	449616	85.36	ng	#	63
57) 2,4-Dinitrotoluene	10.127	165	355074	46.00	ng	#	87
58) Fluorene	10.498	166	1083973	39.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	307864	41.32	ng		93
60) Diethylphthalate	10.369	149	1137702	39.37	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	528528	38.94	ng		99
62) 4-Nitroaniline	10.510	138	277976	44.91	ng		97
63) Azobenzene	10.645	77	1194039	37.54	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	173235	42.69	ng		90
66) n-Nitrosodiphenylamine	10.604	169	991798	38.66	ng		98
67) 4-Bromophenyl-phenylether	10.980	248	352640	38.88	ng		94
68) Hexachlorobenzene	11.045	284	388747	38.90	ng		99
69) Atrazine	11.133	200	288723	35.41	ng		100
70) Pentachlorophenol	11.239	266	455932	76.46	ng		99
71) Phenanthrene	11.463	178	1633468	38.59	ng		99
72) Anthracene	11.510	178	1678227	39.42	ng		100
73) Carbazole	11.663	167	1533959	38.14	ng		99
74) Di-n-butylphthalate	11.998	149	1733980	37.87	ng		100
75) Fluoranthene	12.651	202	1791419	39.09	ng		98
77) Benzidine	12.768	184	724946	44.63	ng		99
78) Pyrene	12.880	202	1816977	38.63	ng		99
80) Butylbenzylphthalate	13.504	149	715520	41.01	ng		99
81) Benzo(a)anthracene	14.074	228	1421650	39.83	ng		97
82) 3,3'-Dichlorobenzidine	14.033	252	334699	28.83	ng		94
83) Chrysene	14.109	228	1415286	38.41	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	890373	38.77	ng		99
85) Di-n-octyl phthalate	14.680	149	1446810	39.85	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.092	276	1155927	41.91	ng		99
88) Benzo(b)fluoranthene	15.139	252	1188355	38.81	ng		97
89) Benzo(k)fluoranthene	15.168	252	1181475	40.82	ng		98
90) Benzo(a)pyrene	15.515	252	1036526	39.22	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	953988	40.75	ng		98
92) Benzo(g,h,i)perylene	17.550	276	970458	41.41	ng		99

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

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