Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123457.D
Acq On : 25 Mar 2021 12:35
Operator : JU/CG
Sample : PB135237BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135237BS

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

Quant Time: Mar 25 12:59:37 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	227494	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	830425	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	435151	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	778145	20.00	ng	0.00
76) Chrysene-d12	14.086	240	571358	20.00	ng	0.00
86) Perylene-d12	15.580	264	463464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1334011	95.93	ng	0.02
7) Phenol-d6	6.528	99	1741984	94.10	ng	0.00
23) Nitrobenzene-d5	7.463	82	916144	59.54	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	481367	98.95	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1669156	54.80	ng	0.00
79) Terphenyl-d14	13.022	244	1653487	49.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	268929	40.21	ng	# 70
3) Pyridine	3.563	79	704214	40.04	ng	# 63
4) n-Nitrosodimethylamine	3.516	42	411302	39.09	ng	# 69
6) Aniline	6.563	93	709128	31.31	ng	94
8) 2-Chlorophenol	6.687	128	589478	38.44	ng	89
9) Benzaldehyde	6.445	77	147950	12.78	ng	98
10) Phenol	6.540	94	783918	41.26	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	602016	39.73	ng	# 83
12) 1,3-Dichlorobenzene	6.840	146	645969	39.04	ng	# 96
13) 1,4-Dichlorobenzene	6.916	146	653020	39.46	ng	97
14) 1,2-Dichlorobenzene	7.069	146	631535	41.08	ng	97
15) Benzyl Alcohol	7.040	79	536587	37.02	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1241873	36.52	ng	87
17) 2-Methylphenol	7.151	107	492409	39.06	ng	98
18) Hexachloroethane	7.416	117	246525	39.76	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	433778	36.23	ng	# 80
20) 3+4-Methylphenols	7.304	107	592689	37.74	ng	95
22) Acetophenone	7.310	105	805467	38.64	ng	# 91
24) Nitrobenzene	7.481	77	660357	38.82	ng	# 92
25) Isophorone	7.722	82	1178834	35.64	ng	98
26) 2-Nitrophenol	7.798	139	287746	47.32	ng	93
27) 2,4-Dimethylphenol	7.834	122	559260	41.36	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	718842	40.32	ng	98
29) 2,4-Dichlorophenol	8.039	162	506821	38.19	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	556642	38.45	ng	98
31) Naphthalene	8.210	128	1689782	37.85	ng	100
32) Benzoic acid	7.951	122	361899	45.36	ng	94
33) 4-Chloroaniline	8.251	127	371293	20.27	ng	# 95
34) Hexachlorobutadiene	8.328	225	323055	36.58	ng	99
35) Caprolactam	8.616	113	161525m	40.47	ng	
36) 4-Chloro-3-methylphenol	8.734	107	536271	38.50	ng	98
37) 2-Methylnaphthalene	8.898	142	1159286	37.88	ng	98
38) 1-Methylnaphthalene	8.998	142	1075354	37.42	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	508378	39.26	ng	99
41) Hexachlorocyclopentadiene	9.057	237	663783	91.81	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	357481	39.43	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	364318	38.24	ng		97
46) 1,1'-Biphenyl	9.363	154	1326943	39.57	ng		98
47) 2-Chloronaphthalene	9.392	162	1052963	38.49	ng		98
48) 2-Nitroaniline	9.481	65	365773	44.06	ng	#	72
49) Acenaphthylene	9.810	152	1653060	38.63	ng		99
50) Dimethylphthalate	9.663	163	1169525	37.84	ng		98
51) 2,6-Dinitrotoluene	9.722	165	259979	40.27	ng	#	70
52) Acenaphthene	9.981	154	1128042	42.23	ng		100
53) 3-Nitroaniline	9.892	138	205887	30.20	ng		87
54) 2,4-Dinitrophenol	9.998	184	248131	80.68	ng	#	89
55) Dibenzofuran	10.151	168	1434686	37.36	ng		99
56) 4-Nitrophenol	10.051	139	455719	82.87	ng	#	65
57) 2,4-Dinitrotoluene	10.128	165	348110	43.20	ng	#	86
58) Fluorene	10.498	166	1094787	37.76	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	310389	39.91	ng		94
60) Diethylphthalate	10.369	149	1122451	37.20	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	534709	37.74	ng		99
62) 4-Nitroaniline	10.510	138	272144	42.12	ng		96
63) Azobenzene	10.645	77	1193306	35.94	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	171571	41.74	ng		91
66) n-Nitrosodiphenylamine	10.604	169	970914	37.24	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	349363	37.91	ng		94
68) Hexachlorobenzene	11.045	284	390801	38.48	ng		99
69) Atrazine	11.133	200	283732	34.24	ng		98
70) Pentachlorophenol	11.239	266	456812	75.38	ng		99
71) Phenanthrene	11.463	178	1631352	37.92	ng		100
72) Anthracene	11.510	178	1661240	38.39	ng		100
73) Carbazole	11.663	167	1516466	37.10	ng		100
74) Di-n-butylphthalate	11.998	149	1663359	35.74	ng		99
75) Fluoranthene	12.651	202	1777841	38.17	ng		98
77) Benzidine	12.769	184	715755	42.05	ng		99
78) Pyrene	12.880	202	1807963	36.68	ng		99
80) Butylbenzylphthalate	13.504	149	678000	37.09	ng		98
81) Benzo(a)anthracene	14.074	228	1389932	37.17	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	316974	26.06	ng		99
83) Chrysene	14.110	228	1403191	36.35	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	842936	35.03	ng		99
85) Di-n-octyl phthalate	14.680	149	1405591	36.95	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.092	276	1127715	39.16	ng		99
88) Benzo(b)fluoranthene	15.139	252	1190082	37.22	ng		97
89) Benzo(k)fluoranthene	15.168	252	1203715	39.82	ng		98
90) Benzo(a)pyrene	15.515	252	1045601	37.88	ng		100
91) Dibenzo(a,h)anthracene	17.115	278	934016	38.20	ng		98
92) Benzo(g,h,i)perylene	17.551	276	963549	39.37	ng		97

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

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