Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123825.D
Acq On : 5 May 2021 13:44
Operator : JU/CG
Sample : PB136166BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136166BS

Manual Integrations APPROVED
mohammad
5/6/2021 4:50:46 PM

Quant Time: May 05 14:08:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	269952	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	1056401	20.00	ng		# 0.00
39) Acenaphthene-d10	9.839	164	539000	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	990973	20.00	ng		0.00
76) Chrysene-d12	13.974	240	662178	20.00	ng		0.00
86) Perylene-d12	15.427	264	492984	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1868203	109.64	ng		0.02
7) Phenol-d6	6.440	99	2429348	103.50	ng		0.00
23) Nitrobenzene-d5	7.363	82	1707246	72.95	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	689139	102.70	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2575528	69.59	ng		0.00
79) Terphenyl-d14	12.922	244	2779087	80.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	284143	30.96	ng		97
3) Pyridine	3.299	79	803483	35.81	ng		95
4) n-Nitrosodimethylamine	3.246	42	494150	39.99	ng		94
6) Aniline	6.457	93	893503	32.91	ng	#	19
8) 2-Chlorophenol	6.587	128	767266	41.86	ng		95
9) Benzaldehyde	6.340	77	205601	18.10	ng		98
10) Phenol	6.457	94	1000726	39.69	ng	#	70
11) bis(2-Chloroethyl)ether	6.534	93	772683	41.97	ng		98
12) 1,3-Dichlorobenzene	6.740	146	733025	39.58	ng		94
13) 1,4-Dichlorobenzene	6.816	146	749904	40.02	ng		97
14) 1,2-Dichlorobenzene	6.969	146	721477	39.65	ng		99
15) Benzyl Alcohol	6.945	79	730617	39.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1578776	40.32	ng		97
17) 2-Methylphenol	7.063	107	668004	42.77	ng		98
18) Hexachloroethane	7.310	117	295683	39.87	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	572289	39.49	ng		97
20) 3+4-Methylphenols	7.216	107	791477	39.82	ng		93
22) Acetophenone	7.210	105	1125108	39.18	ng	#	94
24) Nitrobenzene	7.381	77	911694	37.40	ng		97
25) Isophorone	7.622	82	1668491	38.03	ng		100
26) 2-Nitrophenol	7.698	139	399525	40.16	ng		94
27) 2,4-Dimethylphenol	7.739	122	685090	43.84	ng		95
28) bis(2-Chloroethoxy)met...	7.834	93	953011	42.62	ng		99
29) 2,4-Dichlorophenol	7.945	162	589151	38.26	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	614005	38.05	ng		98
31) Naphthalene	8.104	128	2080298	38.24	ng		99
32) Benzoic acid	7.881	122	405166	38.91	ng		94
33) 4-Chloroaniline	8.151	127	481346	21.20	ng		97
34) Hexachlorobutadiene	8.222	225	364327	37.04	ng		98
35) Caprolactam	8.522	113	223207m	41.28	ng		
36) 4-Chloro-3-methylphenol	8.645	107	772365	40.20	ng		95
37) 2-Methylnaphthalene	8.798	142	1365198	38.51	ng		97
38) 1-Methylnaphthalene	8.898	142	1267368	38.04	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	592244	37.34	ng		99
41) Hexachlorocyclopentadiene	8.951	237	564519	82.16	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	413999	37.89	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	458495	39.11	ng		98
46) 1,1'-Biphenyl	9.263	154	1647330	37.31	ng		99
47) 2-Chloronaphthalene	9.286	162	1235080	37.10	ng		99
48) 2-Nitroaniline	9.386	65	561564	38.29	ng		97
49) Acenaphthylene	9.704	152	2137281	39.77	ng		99
50) Dimethylphthalate	9.569	163	1457591	38.39	ng		99
51) 2,6-Dinitrotoluene	9.628	165	332911	37.93	ng		92
52) Acenaphthene	9.875	154	1243595	37.98	ng		99
53) 3-Nitroaniline	9.798	138	281118	26.82	ng		95
54) 2,4-Dinitrophenol	9.910	184	388021	83.24	ng	#	87
55) Dibenzofuran	10.045	168	1814447	36.64	ng		98
56) 4-Nitrophenol	9.975	139	585193	76.65	ng		98
57) 2,4-Dinitrotoluene	10.033	165	454873	38.01	ng		92
58) Fluorene	10.392	166	1417414	37.24	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	373761	40.27	ng		96
60) Diethylphthalate	10.269	149	1537449	38.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	658886	37.15	ng		99
62) 4-Nitroaniline	10.416	138	390439	37.59	ng		98
63) Azobenzene	10.539	77	1681921	36.21	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	238546	38.85	ng	#	76
66) n-Nitrosodiphenylamine	10.504	169	1270465	39.19	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	415946	39.86	ng		93
68) Hexachlorobenzene	10.939	284	477741	40.22	ng		97
69) Atrazine	11.033	200	405341	41.36	ng		96
70) Pentachlorophenol	11.139	266	498417	82.33	ng		98
71) Phenanthrene	11.357	178	2015625	38.78	ng		99
72) Anthracene	11.404	178	2090311	40.45	ng		100
73) Carbazole	11.563	167	2039642	39.05	ng		100
74) Di-n-butylphthalate	11.892	149	2327789	39.69	ng		99
75) Fluoranthene	12.545	202	2204343	38.88	ng		99
77) Benzidine	12.663	184	747508	43.59	ng		99
78) Pyrene	12.774	202	2242262	43.62	ng		99
80) Butylbenzylphthalate	13.392	149	972925	44.31	ng		99
81) Benzo(a)anthracene	13.963	228	1649284	41.10	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	424788	34.47	ng		99
83) Chrysene	14.004	228	1602020	39.68	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	1161872	42.59	ng		100
85) Di-n-octyl phthalate	14.568	149	1774391	40.68	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1432723	49.90	ng		98
88) Benzo(b)fluoranthene	15.010	252	1389040	41.81	ng		99
89) Benzo(k)fluoranthene	15.039	252	1242911	39.20	ng		99
90) Benzo(a)pyrene	15.368	252	1146840	40.37	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	1185284	48.90	ng		98
92) Benzo(g,h,i)perylene	17.315	276	1252448	51.59	ng		98

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

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