Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123810.D
Acq On : 4 May 2021 16:06
Operator : JU/CG
Sample : M2202-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
290MS

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:09 AM

Quant Time: May 04 16:40:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	267306	20.00	ng		0.00
21) Naphthalene-d8	8.086	136	1039724	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	526085	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	1008880	20.00	ng		0.00
76) Chrysene-d12	13.974	240	731806	20.00	ng		0.00
86) Perylene-d12	15.427	264	603645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1727557	102.39	ng		0.02
7) Phenol-d6	6.445	99	2078317	89.42	ng		0.00
23) Nitrobenzene-d5	7.369	82	1766665	76.70	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	760304	116.09	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2751152	76.16	ng		0.00
79) Terphenyl-d14	12.921	244	3017369	79.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	302807	33.31	ng	#	79
3) Pyridine	3.357	79	646213	29.09	ng		96
4) n-Nitrosodimethylamine	3.287	42	483662	39.53	ng		96
6) Aniline	6.463	93	392034	14.58	ng	#	1
8) 2-Chlorophenol	6.592	128	742985	40.94	ng		99
9) Benzaldehyde	6.351	77	532429	47.33	ng		98
10) Phenol	6.463	94	879773	35.24	ng		95
11) bis(2-Chloroethyl)ether	6.540	93	789346	43.30	ng		98
12) 1,3-Dichlorobenzene	6.745	146	708403	38.63	ng		96
13) 1,4-Dichlorobenzene	6.822	146	723029	38.97	ng		96
14) 1,2-Dichlorobenzene	6.975	146	700429	38.88	ng		97
15) Benzyl Alcohol	6.951	79	769975	42.26	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1655648	42.70	ng		93
17) 2-Methylphenol	7.069	107	637293	41.21	ng		94
18) Hexachloroethane	7.316	117	299791	40.82	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	593810	41.38	ng		96
20) 3+4-Methylphenols	7.216	107	754796	38.35	ng	#	78
22) Acetophenone	7.216	105	1152114	40.77	ng	#	94
24) Nitrobenzene	7.387	77	910256	37.94	ng		98
25) Isophorone	7.628	82	1666157	38.58	ng		99
26) 2-Nitrophenol	7.704	139	395772	40.42	ng		92
27) 2,4-Dimethylphenol	7.745	122	685716	44.59	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	988042	44.90	ng		98
29) 2,4-Dichlorophenol	7.951	162	593413	39.15	ng		96
30) 1,2,4-Trichlorobenzene	8.028	180	628055	39.54	ng		100
31) Naphthalene	8.110	128	2102361	39.27	ng		100
32) Benzoic acid	7.887	122	453609	43.52	ng		96
33) 4-Chloroaniline	8.157	127	150753	6.75	ng		94
34) Hexachlorobutadiene	8.228	225	375622	38.80	ng		100
35) Caprolactam	8.534	113	174862m	32.86	ng		
36) 4-Chloro-3-methylphenol	8.651	107	772236	40.83	ng		94
37) 2-Methylnaphthalene	8.798	142	1423696	40.80	ng		97
38) 1-Methylnaphthalene	8.898	142	1288927	39.30	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	609406	39.36	ng		99
41) Hexachlorocyclopentadiene	8.957	237	613519	91.17	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	442196	41.47	ng		96

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44) 2,4,5-Trichlorophenol	9.128	196	472721	41.32	ng		96
46) 1,1'-Biphenyl	9.269	154	1720258	39.91	ng		99
47) 2-Chloronaphthalene	9.292	162	1271642	39.13	ng		98
48) 2-Nitroaniline	9.386	65	591009	41.28	ng		92
49) Acenaphthylene	9.710	152	2134432	40.69	ng		100
50) Dimethylphthalate	9.575	163	1591919	42.96	ng		99
51) 2,6-Dinitrotoluene	9.633	165	344094	40.17	ng		86
52) Acenaphthene	9.880	154	1252312	39.18	ng		99
53) 3-Nitroaniline	9.798	138	164788	16.11	ng		88
54) 2,4-Dinitrophenol	9.910	184	406657	89.38	ng		96
55) Dibenzofuran	10.051	168	1865311	38.59	ng		98
56) 4-Nitrophenol	9.980	139	546611	73.35	ng		93
57) 2,4-Dinitrotoluene	10.039	165	473993	40.58	ng		96
58) Fluorene	10.392	166	1471330	39.61	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	379152	41.85	ng		97
60) Diethylphthalate	10.269	149	1688533	42.81	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	695431	40.17	ng		96
62) 4-Nitroaniline	10.422	138	391241	38.59	ng		99
63) Azobenzene	10.545	77	1811364	39.95	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	256176	40.98	ng		95
66) n-Nitrosodiphenylamine	10.510	169	1346731	40.81	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	455405	42.87	ng		97
68) Hexachlorobenzene	10.945	284	503521	41.64	ng		95
69) Atrazine	11.039	200	425462	42.64	ng		96
70) Pentachlorophenol	11.139	266	553870	89.87	ng		98
71) Phenanthrene	11.357	178	2134850	40.34	ng		100
72) Anthracene	11.410	178	2198864	41.79	ng		99
73) Carbazole	11.563	167	2093479	39.37	ng		99
74) Di-n-butylphthalate	11.898	149	2661169	44.57	ng		99
75) Fluoranthene	12.545	202	2298208	39.82	ng		98
77) Benzidine	12.669	184	1180869	62.31	ng		98
78) Pyrene	12.774	202	2321038	40.86	ng		100
80) Butylbenzylphthalate	13.392	149	1110899	45.78	ng		100
81) Benzo(a)anthracene	13.963	228	1730998	39.03	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	189309	13.90	ng	#	97
83) Chrysene	14.004	228	1738570	38.97	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1397184	46.34	ng		99
85) Di-n-octyl phthalate	14.568	149	2273900	47.17	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1711414	48.68	ng		99
88) Benzo(b)fluoranthene	15.010	252	1601106	39.36	ng		99
89) Benzo(k)fluoranthene	15.039	252	1440343	37.10	ng		99
90) Benzo(a)pyrene	15.368	252	1442872	41.48	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	1421809	47.90	ng		99
92) Benzo(g,h,i)perylene	17.315	276	1502808	50.55	ng		98

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

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