Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123814.D
Acq On : 4 May 2021 18:16
Operator : JU/CG
Sample : M2263-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 04 18:36:46 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

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:17 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	242132	20.00	ng		0.00
21) Naphthalene-d8	8.086	136	953778	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	491834	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	936628	20.00	ng		0.00
76) Chrysene-d12	13.974	240	624704	20.00	ng		0.00
86) Perylene-d12	15.427	264	555894	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1451400	94.96	ng		0.00
7) Phenol-d6	6.445	99	1913740	90.90	ng		0.00
23) Nitrobenzene-d5	7.369	82	1377821	65.21	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	578176	94.43	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2139070	63.34	ng		0.00
79) Terphenyl-d14	12.916	244	2257743	69.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	325283	39.51	ng		97
3) Pyridine	3.293	79	758573	37.70	ng		95
4) n-Nitrosodimethylamine	3.246	42	513840	46.36	ng		98
6) Aniline	6.463	93	736345	30.24	ng	#	34
8) 2-Chlorophenol	6.592	128	775564	47.17	ng		96
9) Benzaldehyde	6.351	77	648544	63.64	ng		96
10) Phenol	6.457	94	1011587	44.73	ng		81
11) bis(2-Chloroethyl)ether	6.539	93	777425	47.08	ng		97
12) 1,3-Dichlorobenzene	6.739	146	750600	45.19	ng		99
13) 1,4-Dichlorobenzene	6.822	146	759732	45.20	ng		95
14) 1,2-Dichlorobenzene	6.969	146	725621	44.46	ng		98
15) Benzyl Alcohol	6.945	79	772449	46.80	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1672288	47.62	ng		98
17) 2-Methylphenol	7.063	107	655633	46.80	ng		97
18) Hexachloroethane	7.316	117	307506	46.23	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	598722	46.06	ng		97
20) 3+4-Methylphenols	7.216	107	797913	44.76	ng	#	88
22) Acetophenone	7.210	105	1146222	44.21	ng		97
24) Nitrobenzene	7.386	77	922482	41.92	ng		97
25) Isophorone	7.628	82	1656974	41.83	ng		99
26) 2-Nitrophenol	7.704	139	407567	45.38	ng		93
27) 2,4-Dimethylphenol	7.745	122	695330	49.28	ng		97
28) bis(2-Chloroethoxy)met...	7.839	93	989288	49.00	ng		99
29) 2,4-Dichlorophenol	7.951	162	607860	43.72	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	628386	43.13	ng		99
31) Naphthalene	8.110	128	2114249	43.05	ng		99
32) Benzoic acid	7.886	122	410000	42.96	ng		94
33) 4-Chloroaniline	8.157	127	227045	11.08	ng		95
34) Hexachlorobutadiene	8.228	225	386245	43.49	ng		99
35) Caprolactam	8.533	113	219639m	44.99	ng		
36) 4-Chloro-3-methylphenol	8.651	107	791930	45.65	ng		93
37) 2-Methylnaphthalene	8.804	142	1410895	44.08	ng		99
38) 1-Methylnaphthalene	8.898	142	1307158	43.45	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	614704	42.47	ng		100
41) Hexachlorocyclopentadiene	8.957	237	633457	100.39	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	435499	43.68	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	473569	44.27	ng	95
46) 1,1'-Biphenyl	9.269	154	1722433	42.75	ng	100
47) 2-Chloronaphthalene	9.292	162	1278027	42.07	ng	99
48) 2-Nitroaniline	9.386	65	576954	43.11	ng	93
49) Acenaphthylene	9.710	152	2119413	43.22	ng	100
50) Dimethylphthalate	9.575	163	1616005	46.65	ng	99
51) 2,6-Dinitrotoluene	9.633	165	345920	43.19	ng	87
52) Acenaphthene	9.880	154	1262214	42.24	ng	98
53) 3-Nitroaniline	9.798	138	192847	20.16	ng	98
54) 2,4-Dinitrophenol	9.910	184	381466	89.68	ng	98
55) Dibenzofuran	10.051	168	1860723	41.17	ng	99
56) 4-Nitrophenol	9.980	139	584770	83.94	ng	99
57) 2,4-Dinitrotoluene	10.039	165	469050	42.96	ng	95
58) Fluorene	10.392	166	1468716	42.29	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	371144	43.82	ng	97
60) Diethylphthalate	10.269	149	1672136	45.35	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	694370	42.90	ng	96
62) 4-Nitroaniline	10.422	138	392172	41.37	ng	99
63) Azobenzene	10.545	77	1799204	42.45	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	246563	42.49	ng	96
66) n-Nitrosodiphenylamine	10.510	169	1330933	43.44	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	445337	45.15	ng	97
68) Hexachlorobenzene	10.945	284	500615	44.59	ng	96
69) Atrazine	11.039	200	436518	47.13	ng	97
70) Pentachlorophenol	11.139	266	513155	89.68	ng	98
71) Phenanthrene	11.357	178	2122185	43.19	ng	100
72) Anthracene	11.410	178	2163972	44.30	ng	99
73) Carbazole	11.563	167	2063562	41.80	ng	99
74) Di-n-butylphthalate	11.898	149	2696067	48.64	ng	98
75) Fluoranthene	12.545	202	2250489	42.00	ng	99
77) Benzidine	12.668	184	1250152	77.28	ng	98
78) Pyrene	12.774	202	2232313	46.04	ng	100
80) Butylbenzylphthalate	13.398	149	1097140	52.96	ng	90
81) Benzo(a)anthracene	13.963	228	1590571	42.02	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	331697	28.53	ng	100
83) Chrysene	14.004	228	1623253	42.62	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	1398683	54.35	ng	100
85) Di-n-octyl phthalate	14.568	149	2297361	55.83	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1758901	54.33	ng	99
88) Benzo(b)fluoranthene	15.010	252	1546882	41.29	ng	99
89) Benzo(k)fluoranthene	15.039	252	1439601	40.27	ng	99
90) Benzo(a)pyrene	15.368	252	1434588	44.78	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	1449535	53.03	ng	98
92) Benzo(g,h,i)perylene	17.321	276	1485090	54.25	ng	100

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

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