Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123849.D
Acq On : 6 May 2021 12:13
Operator : JU/CG
Sample : M2256-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 06 12:46:06 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

Instrument :
BNA_F
ClientSampleId :
R1-A-D-COMPMS

Manual Integrations APPROVED
mohammad
5/7/2021 10:35:01 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	190406	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	757408	20.00	ng		0.00
39) Acenaphthene-d10	9.839	164	416662	20.00	ng		0.00
64) Phenanthrene-d10	11.328	188	908797	20.00	ng		0.00
76) Chrysene-d12	13.974	240	765101	20.00	ng		0.00
86) Perylene-d12	15.427	264	625581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1471181	122.41	ng		0.01
7) Phenol-d6	6.446	99	1798233	108.61	ng		0.00
23) Nitrobenzene-d5	7.363	82	1435300	85.55	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	727190	140.20	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	2290898	80.07	ng		0.00
79) Terphenyl-d14	12.922	244	3229657	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	235684	36.40	ng	#	80
3) Pyridine	3.281	79	517718	32.72	ng		90
4) n-Nitrosodimethylamine	3.210	42	378785	43.46	ng		91
6) Aniline	6.457	93	276094	14.42	ng	#	1
8) 2-Chlorophenol	6.587	128	607264	46.97	ng		97
9) Benzaldehyde	6.340	77	299097	37.32	ng		100
10) Phenol	6.463	94	748746	42.10	ng		98
11) bis(2-Chloroethyl)ether	6.534	93	640863	49.35	ng		96
12) 1,3-Dichlorobenzene	6.734	146	578177	44.26	ng		98
13) 1,4-Dichlorobenzene	6.810	146	577976	43.73	ng		98
14) 1,2-Dichlorobenzene	6.963	146	567503	44.22	ng		98
15) Benzyl Alcohol	6.945	79	616390	47.49	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1254278	45.42	ng		86
17) 2-Methylphenol	7.063	107	525023	47.66	ng		93
18) Hexachloroethane	7.304	117	231982	44.35	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	482378	47.19	ng		93
20) 3+4-Methylphenols	7.216	107	648635	46.27	ng	#	75
22) Acetophenone	7.204	105	942263	45.77	ng	#	94
24) Nitrobenzene	7.381	77	741559	42.43	ng		99
25) Isophorone	7.622	82	1314405	41.78	ng		98
26) 2-Nitrophenol	7.698	139	330693	46.36	ng		89
27) 2,4-Dimethylphenol	7.740	122	535899	47.83	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	776834	48.46	ng		99
29) 2,4-Dichlorophenol	7.945	162	495174	44.85	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	505949	43.73	ng		98
31) Naphthalene	8.104	128	1715554	43.98	ng		99
32) Benzoic acid	7.881	122	381528	49.41	ng		97
33) 4-Chloroaniline	8.151	127	116771	7.17	ng		95
34) Hexachlorobutadiene	8.222	225	302128	42.84	ng		98
35) Caprolactam	8.528	113	170715m	44.04	ng		
36) 4-Chloro-3-methylphenol	8.645	107	665995	48.34	ng		96
37) 2-Methylnaphthalene	8.792	142	1166443	45.89	ng		96
38) 1-Methylnaphthalene	8.892	142	1083031	45.34	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	507588	41.39	ng		98
41) Hexachlorocyclopentadiene	8.951	237	421298	79.42	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	367862	43.56	ng		98

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44) 2,4,5-Trichlorophenol	9.122	196	402178	44.38	ng		98
46) 1,1'-Biphenyl	9.263	154	1439436	42.17	ng		99
47) 2-Chloronaphthalene	9.287	162	1074083	41.73	ng		98
48) 2-Nitroaniline	9.381	65	527046	46.48	ng		94
49) Acenaphthylene	9.704	152	1864633	44.88	ng		99
50) Dimethylphthalate	9.563	163	1460659	49.77	ng		99
51) 2,6-Dinitrotoluene	9.628	165	317450	46.79	ng		87
52) Acenaphthene	9.875	154	1080974	42.71	ng		99
53) 3-Nitroaniline	9.792	138	220099	27.16	ng		96
54) 2,4-Dinitrophenol	9.910	184	394551	109.49	ng		90
55) Dibenzofuran	10.045	168	1645758	42.99	ng		99
56) 4-Nitrophenol	9.975	139	536149	90.84	ng		99
57) 2,4-Dinitrotoluene	10.034	165	440336	47.60	ng	#	90
58) Fluorene	10.386	166	1358271	46.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	349904	48.77	ng		96
60) Diethylphthalate	10.269	149	1532801	49.07	ng		98
61) 4-Chlorophenyl-phenyle...	10.381	204	622104	45.37	ng		97
62) 4-Nitroaniline	10.416	138	397054	49.45	ng		99
63) Azobenzene	10.539	77	1614997	44.97	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	248291	44.09	ng		85
66) n-Nitrosodiphenylamine	10.504	169	1234061	41.51	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	414374	43.30	ng		96
68) Hexachlorobenzene	10.939	284	470138	43.16	ng		97
69) Atrazine	11.033	200	429490	47.79	ng		97
70) Pentachlorophenol	11.139	266	551887	99.41	ng		96
71) Phenanthrene	11.351	178	2093085	43.91	ng		100
72) Anthracene	11.404	178	2136123	45.07	ng		100
73) Carbazole	11.563	167	2127237	44.41	ng		100
74) Di-n-butylphthalate	11.892	149	2610456	48.54	ng		100
75) Fluoranthene	12.545	202	2411671	46.39	ng		99
77) Benzidine	12.663	184	725819	36.63	ng		99
78) Pyrene	12.775	202	2468770	41.57	ng		98
80) Butylbenzylphthalate	13.392	149	1202080	47.38	ng		100
81) Benzo(a)anthracene	13.963	228	1996521	43.06	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	315083	22.13	ng		98
83) Chrysene	14.004	228	2025504	43.42	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1575361	49.98	ng		99
85) Di-n-octyl phthalate	14.569	149	2695013	53.47	ng		97
87) Indeno(1,2,3-cd)pyrene	16.880	276	1848692	50.74	ng		99
88) Benzo(b)fluoranthene	15.010	252	2008516	47.64	ng		98
89) Benzo(k)fluoranthene	15.039	252	1596954	39.69	ng		99
90) Benzo(a)pyrene	15.374	252	1671588	46.37	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	1532485	49.82	ng		99
92) Benzo(g,h,i)perylene	17.321	276	1571966	51.02	ng		98

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

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