Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123701.D
Acq On : 23 Apr 2021 19:22
Operator : JU/CG
Sample : M2151-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-1MSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:36:08 AM

Quant Time: Apr 26 01:46:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	217865	20.00	ng		-0.01
21) Naphthalene-d8	8.116	136	822731	20.00	ng		-0.01
39) Acenaphthene-d10	9.875	164	400784	20.00	ng		-0.01
64) Phenanthrene-d10	11.363	188	735077	20.00	ng		-0.01
76) Chrysene-d12	14.015	240	444538	20.00	ng		0.00
86) Perylene-d12	15.486	264	460282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1276109	94.67	ng		0.00
7) Phenol-d6	6.469	99	1674811	89.66	ng		0.00
23) Nitrobenzene-d5	7.392	82	1190929	66.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.669	330	438740	96.67	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1707724	63.52	ng		0.00
79) Terphenyl-d14	12.957	244	1503632	65.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	313786	44.56	ng		96
3) Pyridine	3.351	79	737823	42.85	ng		94
4) n-Nitrosodimethylamine	3.304	42	484926	47.52	ng		100
6) Aniline	6.492	93	453910	20.64	ng		97
8) 2-Chlorophenol	6.616	128	693668	47.91	ng		98
9) Benzaldehyde	6.381	77	641897	52.63	ng		95
10) Phenol	6.481	94	940611	47.42	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	710557	48.17	ng		98
12) 1,3-Dichlorobenzene	6.769	146	696128	46.77	ng		99
13) 1,4-Dichlorobenzene	6.845	146	703562	46.58	ng		99
14) 1,2-Dichlorobenzene	6.998	146	661685	46.62	ng		97
15) Benzyl Alcohol	6.975	79	707043	47.98	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1504553	45.19	ng		99
17) 2-Methylphenol	7.092	107	602347	48.42	ng		99
18) Hexachloroethane	7.345	117	288106	47.84	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	539114	43.57	ng		99
20) 3+4-Methylphenols	7.239	107	718628	45.27	ng	#	76
22) Acetophenone	7.239	105	1038777	45.52	ng		93
24) Nitrobenzene	7.416	77	851463	45.19	ng		99
25) Isophorone	7.651	82	1462031	42.11	ng		100
26) 2-Nitrophenol	7.734	139	362027	56.22	ng		92
27) 2,4-Dimethylphenol	7.775	122	621750	52.32	ng		95
28) bis(2-Chloroethoxy)met...	7.863	93	864886	49.64	ng		100
29) 2,4-Dichlorophenol	7.975	162	545057	47.11	ng		100
30) 1,2,4-Trichlorobenzene	8.057	180	572206	46.02	ng		97
31) Naphthalene	8.139	128	1931764	45.58	ng		100
32) Benzoic acid	7.898	122	327047	41.99	ng		94
33) 4-Chloroaniline	8.186	127	119669	6.88	ng		93
34) Hexachlorobutadiene	8.257	225	347318	44.52	ng		99
35) Caprolactam	8.557	113	182437m	45.17	ng		
36) 4-Chloro-3-methylphenol	8.675	107	682124	45.46	ng		96
37) 2-Methylnaphthalene	8.833	142	1254368	45.14	ng		97
38) 1-Methylnaphthalene	8.933	142	1161039	44.16	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	543230	49.11	ng		99
41) Hexachlorocyclopentadiene	8.986	237	586562	102.04	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	371562	49.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	391081	47.66	ng		97
46) 1,1'-Biphenyl	9.298	154	1510156	48.14	ng		99
47) 2-Chloronaphthalene	9.322	162	1120183	47.46	ng		99
48) 2-Nitroaniline	9.416	65	495520	50.38	ng		92
49) Acenaphthylene	9.739	152	1862196	48.23	ng		99
50) Dimethylphthalate	9.598	163	1321050	47.71	ng		99
51) 2,6-Dinitrotoluene	9.663	165	285081	46.90	ng		87
52) Acenaphthene	9.910	154	1266120m	51.11	ng		
53) 3-Nitroaniline	9.822	138	89867	12.75	ng		98
54) 2,4-Dinitrophenol	9.939	184	280984	105.25	ng		91
55) Dibenzofuran	10.086	168	1609168	45.28	ng		98
56) 4-Nitrophenol	10.004	139	478857	88.63	ng		97
57) 2,4-Dinitrotoluene	10.069	165	388658	47.88	ng		98
58) Fluorene	10.427	166	1252767	44.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	304008	46.52	ng		98
60) Diethylphthalate	10.304	149	1348523	44.49	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	579630	44.95	ng		97
62) 4-Nitroaniline	10.445	138	307867	43.24	ng		95
63) Azobenzene	10.580	77	1496106	43.57	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	187315	48.84	ng		93
66) n-Nitrosodiphenylamine	10.539	169	1098335	46.68	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	363444	47.29	ng		98
68) Hexachlorobenzene	10.980	284	404488	46.70	ng		94
69) Atrazine	11.069	200	339813	46.34	ng		98
70) Pentachlorophenol	11.174	266	395216	87.34	ng		98
71) Phenanthrene	11.392	178	1733497	45.19	ng		100
72) Anthracene	11.445	178	1778504	46.39	ng		100
73) Carbazole	11.598	167	1665968	43.53	ng		99
74) Di-n-butylphthalate	11.933	149	1940624	41.90	ng		98
75) Fluoranthene	12.580	202	1766195	41.89	ng		100
77) Benzidine	12.704	184	579321	47.94	ng		98
78) Pyrene	12.816	202	1767320	54.47	ng		99
80) Butylbenzylphthalate	13.433	149	688249	45.15	ng		98
81) Benzo(a)anthracene	14.004	228	1205498	44.25	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	84973	9.76	ng	#	94
83) Chrysene	14.039	228	1227846	44.88	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	777022	38.33	ng		100
85) Di-n-octyl phthalate	14.610	149	1340153	41.08	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	1500783	61.11	ng		99
88) Benzo(b)fluoranthene	15.057	252	1275404	39.25	ng		98
89) Benzo(k)fluoranthene	15.092	252	1159433	39.64	ng		99
90) Benzo(a)pyrene	15.427	252	1210916	46.85	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	1250098	60.18	ng		99
92) Benzo(g,h,i)perylene	17.409	276	1284243	59.22	ng		96

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

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