Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
Data File : BF120376.D
Acq On : 20 May 2020 18:13
Operator : MA/SJ
Sample : L2497-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-051920MSD

Manual Integrations APPROVED
mohammad
5/21/2020 10:23:02 AM

Quant Time: May 20 18:45:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 13:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	298963	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	1221856	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	621268	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1122285	20.00	ng		0.00
76) Chrysene-d12	13.75	240	744117	20.00	ng		0.00
87) Perylene-d12	15.13	264	661781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2064480	134.36	ng		0.03
7) Phenol-d6	6.26	99	2273189	116.99	ng		0.00
23) Nitrobenzene-d5	7.16	82	1749992	98.06	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	653822	129.07	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	3185980	105.36	ng		0.00
79) Terphenyl-d14	12.70	244	3100162	92.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	310183	50.75	ng	#	87
3) Pyridine	3.05	79	445994	23.21	ng		96
4) n-Nitrosodimethylamine	2.95	42	360904	47.97	ng	#	93
6) Aniline	6.27	93	203566	8.19	ng	#	1
8) 2-Chlorophenol	6.38	128	825899	46.10	ng		99
9) Benzaldehyde	6.14	77	507329	42.35	ng		100
10) Phenol	6.27	94	822480	36.26	ng	#	73
11) bis(2-Chloroethyl)ether	6.33	93	850729	46.95	ng		97
12) 1,3-Dichlorobenzene	6.53	146	815068	42.52	ng		100
13) 1,4-Dichlorobenzene	6.60	146	856252	43.37	ng		98
14) 1,2-Dichlorobenzene	6.76	146	745961	41.95	ng		99
15) Benzyl Alcohol	6.75	79	639931	46.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1319973	46.23	ng		76
17) 2-Methylphenol	6.87	107	630643	41.70	ng	#	91
18) Hexachloroethane	7.09	117	321305	42.72	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	577417	45.36	ng		93
20) 3+4-Methylphenols	7.03	107	816547	41.53	ng		97
22) Acetophenone	7.01	105	1148705	45.89	ng		97
24) Nitrobenzene	7.18	77	859561	44.75	ng		98
25) Isophorone	7.42	82	1638940	44.14	ng		99
26) 2-Nitrophenol	7.50	139	461730	45.97	ng		93
27) 2,4-Dimethylphenol	7.55	122	717298	49.09	ng		97
28) bis(2-Chloroethoxy)methane	7.64	93	1082420	46.38	ng		100
29) 2,4-Dichlorophenol	7.75	162	673965	44.91	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	750316	45.12	ng		97
31) Naphthalene	7.90	128	2467471	47.85	ng		99
32) Benzoic acid	7.71	122	360177	37.61	ng		99
33) 4-Chloroaniline	7.96	127	144474	6.15	ng		98
34) Hexachlorobutadiene	8.02	225	411771	42.84	ng		96
35) Caprolactam	8.35	113	141721m	28.87	ng		
36) 4-Chloro-3-methylphenol	8.46	107	715929	44.10	ng		99
37) 2-Methylnaphthalene	8.59	142	1622660	45.98	ng		99
38) 1-Methylnaphthalene	8.69	142	1559578	45.57	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	720533	45.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	489215	76.06	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	455242	43.29	ng		98
44) 2,4,5-Trichlorophenol	8.93	196	476553	39.46	ng		99
46) 1,1'-Biphenyl	9.06	154	1940834	47.68	ng		100
47) 2-Chloronaphthalene	9.08	162	1441267	44.14	ng		98
48) 2-Nitroaniline	9.19	65	505850	42.46	ng		96
49) Acenaphthylene	9.49	152	2280239	45.72	ng		99
50) Dimethylphthalate	9.37	163	1689854	43.03	ng		99
51) 2,6-Dinitrotoluene	9.43	165	374729	42.75	ng		86
52) Acenaphthene	9.66	154	1365367	45.67	ng		99
53) 3-Nitroaniline	9.60	138	93914	8.98	ng		97
54) 2,4-Dinitrophenol	9.72	184	134950	32.62	ng		94
55) Dibenzofuran	9.84	168	1968306	45.72	ng		100
56) 4-Nitrophenol	9.79	139	340558	60.63	ng	#	79
57) 2,4-Dinitrotoluene	9.84	165	433767	42.19	ng		96
58) Fluorene	10.18	166	1517933	46.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	369170	40.62	ng		98
60) Diethylphthalate	10.07	149	1663850	43.88	ng		98
61) 4-Chlorophenyl-phenylether	10.17	204	740046	43.41	ng		93
62) 4-Nitroaniline	10.22	138	285787	29.36	ng		99
63) Azobenzene	10.33	77	1812748	50.59	ng		95
65) 4,6-Dinitro-2-methylphenol	10.25	198	158423	27.91	ng		88
66) n-Nitrosodiphenylamine	10.30	169	1408765	45.37	ng		100
67) 4-Bromophenyl-phenylether	10.66	248	460342	42.27	ng		95
68) Hexachlorobenzene	10.73	284	489647	42.98	ng		94
69) Atrazine	10.83	200	383189	41.24	ng		99
70) Pentachlorophenol	10.93	266	333969	68.92	ng		98
71) Phenanthrene	11.14	178	2079313	44.09	ng		100
72) Anthracene	11.19	178	2255286	44.67	ng		100
73) Carbazole	11.35	167	2019467	42.81	ng		99
74) Di-n-butylphthalate	11.69	149	2519016	44.31	ng		99
75) Fluoranthene	12.32	202	2388233	47.25	ng		99
77) Benzidine	12.45	184	367807	16.93	ng		96
78) Pyrene	12.55	202	2381833	44.90	ng		99
80) Butylbenzylphthalate	13.18	149	1090669	43.66	ng		97
81) Benzo(a)anthracene	13.74	228	1745502	44.47	ng		98
82) 3,3'-Dichlorobenzidine	13.71	252	269515	18.22	ng	#	98
83) Chrysene	13.78	228	1824173	43.28	ng		100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1334110	42.93	ng		100
85) Di-n-octyl phthalate	14.35	149	2473342	44.24	ng		100
86) Indeno(1,2,3-cd)pyrene	16.44	276	1475540	38.58	ng		99
88) Benzo(b)fluoranthene	14.75	252	1515065	41.92	ng		99
89) Benzo(k)fluoranthene	14.78	252	1583305	50.57	ng		99
90) Benzo(a)pyrene	15.08	252	1392784	42.97	ng		99
91) Dibenzo(a,h)anthracene	16.45	278	1208124	42.07	ng		97
92) Benzo(g,h,i)perylene	16.83	276	1280595	44.23	ng		99

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

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