Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120178.D
Acq On : 23 Apr 2020 21:54
Operator : MA/SJ
Sample : L2381-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337MSD

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:17 PM

Quant Time: Apr 24 03:42:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	141590	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	540363	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	282820	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	542217	20.00	ng		0.00
76) Chrysene-d12	13.83	240	360621	20.00	ng		0.00
87) Perylene-d12	15.23	264	303141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1186504	144.82	ng		0.02
7) Phenol-d6	6.32	99	1648256	156.13	ng		0.00
23) Nitrobenzene-d5	7.24	82	1153716	110.46	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	434328	125.43	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2244443	112.67	ng		0.00
79) Terphenyl-d14	12.78	244	2388014	111.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	173257	47.48	ng		99
3) Pyridine	3.01	79	505521	50.49	ng		95
4) n-Nitrosodimethylamine	2.98	42	289154	56.53	ng		97
6) Aniline	6.33	93	533473	38.50	ng	#	1
8) 2-Chlorophenol	6.45	128	578952	63.24	ng		99
9) Benzaldehyde	6.21	77	232444	41.87	ng		99
10) Phenol	6.33	94	728958	60.86	ng		86
11) bis(2-Chloroethyl)ether	6.41	93	536496	58.01	ng		98
12) 1,3-Dichlorobenzene	6.60	146	560830	55.96	ng		97
13) 1,4-Dichlorobenzene	6.68	146	564651	55.31	ng		98
14) 1,2-Dichlorobenzene	6.84	146	532084	56.55	ng		98
15) Benzyl Alcohol	6.82	79	461997	56.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	919692	51.11	ng		92
17) 2-Methylphenol	6.94	107	462183	56.57	ng	#	93
18) Hexachloroethane	7.17	117	214362	56.18	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	395549	58.27	ng		97
20) 3+4-Methylphenols	7.09	107	580167	58.07	ng		97
22) Acetophenone	7.09	105	770293	60.88	ng	#	90
24) Nitrobenzene	7.26	77	595952	56.72	ng		99
25) Isophorone	7.50	82	1131139	56.18	ng		99
26) 2-Nitrophenol	7.57	139	317692	60.52	ng		97
27) 2,4-Dimethylphenol	7.62	122	488223	61.67	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	707001	59.67	ng		99
29) 2,4-Dichlorophenol	7.82	162	476529	58.72	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	507687	55.21	ng		99
31) Naphthalene	7.97	128	1615555	56.83	ng		99
32) Benzoic acid	7.78	122	378571	54.44	ng		97
33) 4-Chloroaniline	8.02	127	182843	14.77	ng		100
34) Hexachlorobutadiene	8.09	225	291272	52.92	ng		100
35) Caprolactam	8.42	113	139005m	56.00	ng		
36) 4-Chloro-3-methylphenol	8.52	107	531245	60.46	ng		98
37) 2-Methylnaphthalene	8.66	142	1118213	58.01	ng		99
38) 1-Methylnaphthalene	8.76	142	1051671	57.89	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	490484	54.91	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	455335	89.64	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	355253	57.59	ng		98
44) 2,4,5-Trichlorophenol	9.00	196	375052	53.98	ng		96
46) 1,1'-Biphenyl	9.13	154	1349112	56.52	ng		99
47) 2-Chloronaphthalene	9.16	162	1053209	57.27	ng		98
48) 2-Nitroaniline	9.26	65	376183	56.45	ng		95
49) Acenaphthylene	9.57	152	1642320	58.72	ng		98
50) Dimethylphthalate	9.45	163	1464868	66.96	ng		100
51) 2,6-Dinitrotoluene	9.50	165	281480	58.76	ng		95
52) Acenaphthene	9.74	154	983915	52.74	ng		98
53) 3-Nitroaniline	9.67	138	150936	27.59	ng		91
54) 2,4-Dinitrophenol	9.78	184	306283	106.79	ng	#	87
55) Dibenzofuran	9.92	168	1435696	56.08	ng		100
56) 4-Nitrophenol	9.85	139	454276	111.59	ng		98
57) 2,4-Dinitrotoluene	9.91	165	352379	55.83	ng	#	88
58) Fluorene	10.26	166	1151279	56.23	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.03	232	318278	59.90	ng		99
60) Diethylphthalate	10.14	149	1308461	57.71	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	554909	52.88	ng		98
62) 4-Nitroaniline	10.29	138	294058	56.40	ng		99
63) Azobenzene	10.41	77	1208070	59.46	ng		99
65) 4,6-Dinitro-2-methylphenol	10.32	198	211945	59.33	ng		84
66) n-Nitrosodiphenylamine	10.37	169	1062169	58.90	ng		98
67) 4-Bromophenyl-phenylether	10.74	248	349067	51.77	ng		97
68) Hexachlorobenzene	10.80	284	371598	54.32	ng		96
69) Atrazine	10.90	200	329504	65.67	ng		97
70) Pentachlorophenol	11.00	266	398943	101.20	ng		98
71) Phenanthrene	11.22	178	1654103	57.32	ng		99
72) Anthracene	11.27	178	1711334	58.05	ng		98
73) Carbazole	11.43	167	1564327	56.11	ng		99
74) Di-n-butylphthalate	11.76	149	2022608	55.19	ng		99
75) Fluoranthene	12.40	202	1770301	56.86	ng		98
77) Benzidine	12.53	184	779942	63.98	ng		98
78) Pyrene	12.63	202	1790817	58.91	ng		99
80) Butylbenzylphthalate	13.26	149	833859	56.53	ng		99
81) Benzo(a)anthracene	13.82	228	1381657	58.24	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	238500	26.94	ng		98
83) Chrysene	13.86	228	1432919	59.44	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1110868	55.61	ng		100
85) Di-n-octyl phthalate	14.43	149	1838481	54.05	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1284863	60.47	ng		99
88) Benzo(b)fluoranthene	14.84	252	1270167	58.25	ng		99
89) Benzo(k)fluoranthene	14.86	252	1093684	58.13	ng		98
90) Benzo(a)pyrene	15.17	252	1100055	60.00	ng		100
91) Dibenzo(a,h)anthracene	16.60	278	1055779	65.01	ng		99
92) Benzo(g,h,i)perylene	16.99	276	1047940	65.37	ng		97

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

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