Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120196.D
Acq On : 24 Apr 2020 12:28
Operator : MA/SJ
Sample : L2381-01MSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ETGI-337MSD

Manual Integrations APPROVED
mohammad
4/27/2020 3:04:14 PM

Quant Time: Apr 24 13:10:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 10:24:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	149571	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	589829	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	292797	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	536408	20.00	ng		0.00
76) Chrysene-d12	13.82	240	306608	20.00	ng		0.00
87) Perylene-d12	15.22	264	279385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1070276	123.66	ng		0.01
7) Phenol-d6	6.32	99	1480776	132.78	ng		0.00
23) Nitrobenzene-d5	7.24	82	1024073	89.82	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	365043	101.83	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1964305	95.25	ng		0.00
79) Terphenyl-d14	12.77	244	1975024	108.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	150845	39.131	ng		99
3) Pyridine	3.00	79	419739	39.686	ng		96
4) n-Nitrosodimethylamine	2.96	42	247972	45.888	ng		99
6) Aniline	6.33	93	353461	24.148	ng	#	16
8) 2-Chlorophenol	6.45	128	508201	52.553	ng		99
9) Benzaldehyde	6.21	77	204536	30.967	ng		99
10) Phenol	6.33	94	633500	50.071	ng		91
11) bis(2-Chloroethyl)ether	6.40	93	493217	50.489	ng		98
12) 1,3-Dichlorobenzene	6.60	146	510466	48.217	ng		97
13) 1,4-Dichlorobenzene	6.68	146	520520	48.266	ng		98
14) 1,2-Dichlorobenzene	6.83	146	477312	48.025	ng		97
15) Benzyl Alcohol	6.82	79	409257	47.248	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	808120	42.511	ng		72
17) 2-Methylphenol	6.94	107	410737	47.595	ng	#	92
18) Hexachloroethane	7.17	117	196331	48.712	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	359669	50.153	ng		96
20) 3+4-Methylphenols	7.09	107	533836	50.578	ng	#	90
22) Acetophenone	7.08	105	698158	50.548	ng	#	98
24) Nitrobenzene	7.26	77	529569	46.173	ng		98
25) Isophorone	7.50	82	989317	45.013	ng		99
26) 2-Nitrophenol	7.57	139	285295	49.789	ng		95
27) 2,4-Dimethylphenol	7.62	122	434692	50.300	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	626048	48.407	ng		99
29) 2,4-Dichlorophenol	7.82	162	427932	48.309	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	454271	45.259	ng		98
31) Naphthalene	7.97	128	1459213	47.022	ng		98
32) Benzoic acid	7.77	122	331091	43.623	ng		94
33) 4-Chloroaniline	8.03	127	124132	9.188	ng		97
34) Hexachlorobutadiene	8.09	225	261034	43.446	ng		100
35) Caprolactam	8.41	113	133704m	49.343	ng		
36) 4-Chloro-3-methylphenol	8.53	107	466054	48.595	ng		99
37) 2-Methylnaphthalene	8.67	142	982045	46.677	ng		98
38) 1-Methylnaphthalene	8.76	142	928742	46.834	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	441788	47.772	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	323102	61.442	ng		98
43) 2,4,6-Trichlorophenol	8.95	196	306545	48.003	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	326798	45.436	ng		97
46) 1,1'-Biphenyl	9.13	154	1175105	47.549	ng		99
47) 2-Chloronaphthalene	9.16	162	914615	48.041	ng		98
48) 2-Nitroaniline	9.26	65	321427	46.589	ng		97
49) Acenaphthylene	9.57	152	1406843	48.590	ng		98
50) Dimethylphthalate	9.45	163	1271525	56.144	ng		99
51) 2,6-Dinitrotoluene	9.50	165	243003	48.998	ng		98
52) Acenaphthene	9.74	154	849954	44.008	ng		99
53) 3-Nitroaniline	9.67	138	129606	22.882	ng		89
54) 2,4-Dinitrophenol	9.78	184	259784	87.493	ng		89
55) Dibenzofuran	9.92	168	1248559	47.109	ng		100
56) 4-Nitrophenol	9.86	139	351297	83.357	ng		99
57) 2,4-Dinitrotoluene	9.91	165	304110	46.542	ng	#	92
58) Fluorene	10.26	166	987271	46.578	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.04	232	266207	48.393	ng		99
60) Diethylphthalate	10.14	149	1115765	47.535	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	476148	43.829	ng		99
62) 4-Nitroaniline	10.29	138	247917	45.928	ng		97
63) Azobenzene	10.41	77	1024085	48.683	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	182310	51.589	ng		90
66) n-Nitrosodiphenylamine	10.37	169	904271	50.689	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	297215	44.555	ng		96
68) Hexachlorobenzene	10.80	284	312451	46.171	ng		95
69) Atrazine	10.90	200	271867	54.774	ng		100
70) Pentachlorophenol	11.00	266	309774	79.433	ng		98
71) Phenanthrene	11.22	178	1384066	48.482	ng		98
72) Anthracene	11.27	178	1424763	48.854	ng		98
73) Carbazole	11.43	167	1307002	47.391	ng		98
74) Di-n-butylphthalate	11.76	149	1721112	47.472	ng		99
75) Fluoranthene	12.40	202	1432114	46.493	ng		99
77) Benzidine	12.53	184	598304	57.728	ng		97
78) Pyrene	12.63	202	1407613	54.458	ng		98
80) Butylbenzylphthalate	13.25	149	663937	52.936	ng		95
81) Benzo(a)anthracene	13.82	228	1001928	49.673	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	214582	28.512	ng		99
83) Chrysene	13.85	228	1005673	49.069	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	868763	51.150	ng		99
85) Di-n-octyl phthalate	14.42	149	1396000	48.272	ng		98
86) Indeno(1,2,3-cd)pyrene	16.57	276	1009226	55.862	ng		99
88) Benzo(b)fluoranthene	14.83	252	964730	48.001	ng		99
89) Benzo(k)fluoranthene	14.86	252	845622	48.764	ng		99
90) Benzo(a)pyrene	15.17	252	821913	48.638	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	827814	55.303	ng		99
92) Benzo(g,h,i)perylene	16.98	276	828945	56.102	ng		97

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

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