Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080320\
Data File : BF121178.D
Acq On : 3 Aug 2020 16:17
Operator : JU/CG
Sample : L3521-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Manual Integrations APPROVED
mohammad
8/5/2020 10:24:50 AM

Quant Time: Aug 03 16:51:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136989	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	536088	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	278895	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	544201	20.00	ng		0.00
76) Chrysene-d12	13.97	240	402391	20.00	ng		0.00
86) Perylene-d12	15.42	264	400182	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	775010	92.75	ng		0.00
7) Phenol-d6	6.44	99	974108	90.24	ng		0.00
23) Nitrobenzene-d5	7.36	82	645152	69.63	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	305698	100.14	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1192186	63.82	ng		0.00
79) Terphenyl-d14	12.91	244	1248458	67.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	146528	38.101	ng		99
3) Pyridine	3.26	79	352783	34.483	ng		99
4) n-Nitrosodimethylamine	3.21	42	189365	43.286	ng		96
6) Aniline	6.46	93	509416	36.154	ng	#	81
8) 2-Chlorophenol	6.58	128	446718	48.527	ng		99
9) Benzaldehyde	6.35	77	279062	61.432	ng		98
10) Phenol	6.45	94	515668	43.429	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	408991	44.944	ng		100
12) 1,3-Dichlorobenzene	6.73	146	427236	42.801	ng		98
13) 1,4-Dichlorobenzene	6.82	146	434563	43.781	ng		98
14) 1,2-Dichlorobenzene	6.96	146	422644	45.009	ng		100
15) Benzyl Alcohol	6.95	79	361730	47.387	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	550278	41.954	ng		97
17) 2-Methylphenol	7.06	107	355340	43.551	ng		99
18) Hexachloroethane	7.30	117	159000	44.258	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	263109	42.866	ng		99
20) 3+4-Methylphenols	7.21	107	401149	38.649	ng		94
22) Acetophenone	7.20	105	542056	45.053	ng		96
24) Nitrobenzene	7.38	77	438236	43.887	ng		100
25) Isophorone	7.62	82	819605	44.326	ng		97
26) 2-Nitrophenol	7.70	139	243290	51.300	ng		98
27) 2,4-Dimethylphenol	7.74	122	391475	50.841	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	524198	46.443	ng		99
29) 2,4-Dichlorophenol	7.94	162	372402	47.330	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	386039	44.222	ng		98
31) Naphthalene	8.10	128	1204513	43.802	ng		99
32) Benzoic acid	7.89	122	222012	38.410	ng		98
33) 4-Chloroaniline	8.15	127	356632	29.072	ng		99
34) Hexachlorobutadiene	8.22	225	220517	42.851	ng		99
35) Caprolactam	8.54	113	128785m	51.040	ng		
36) 4-Chloro-3-methylphenol	8.65	107	390631	48.408	ng		96
37) 2-Methylnaphthalene	8.79	142	829603	46.463	ng		99
38) 1-Methylnaphthalene	8.89	142	779733	46.109	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	383319	47.173	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	326810	72.771	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	272965	47.710	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	293242	45.185	ng		99
46) 1,1'-Biphenyl	9.26	154	1000586	47.033	ng		99
47) 2-Chloronaphthalene	9.29	162	767155	44.229	ng		99
48) 2-Nitroaniline	9.39	65	251394	47.960	ng		92
49) Acenaphthylene	9.70	152	1246569	46.262	ng		100
50) Dimethylphthalate	9.56	163	1070596	53.209	ng		100
51) 2,6-Dinitrotoluene	9.63	165	212713	49.208	ng		98
52) Acenaphthene	9.87	154	723685	42.244	ng		99
53) 3-Nitroaniline	9.79	138	163439	30.147	ng		97
54) 2,4-Dinitrophenol	9.91	184	196736	79.149	ng		97
55) Dibenzofuran	10.05	168	1079483	43.574	ng		99
56) 4-Nitrophenol	9.97	139	351278	85.297	ng		97
57) 2,4-Dinitrotoluene	10.03	165	278817	49.117	ng		91
58) Fluorene	10.39	166	816610	44.197	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	252508	51.102	ng		98
60) Diethylphthalate	10.26	149	939812	46.179	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	401337	40.724	ng		96
62) 4-Nitroaniline	10.42	138	237349	44.944	ng		100
63) Azobenzene	10.54	77	867473	44.773	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	139308	44.532	ng		99
66) n-Nitrosodiphenylamine	10.50	169	792469	46.290	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	273460	45.070	ng		97
68) Hexachlorobenzene	10.94	284	308070	46.938	ng		98
69) Atrazine	11.03	200	230436	54.351	ng		99
70) Pentachlorophenol	11.14	266	335620	89.260	ng		98
71) Phenanthrene	11.35	178	1264427	45.177	ng		100
72) Anthracene	11.40	178	1298529	46.204	ng		100
73) Carbazole	11.56	167	1249292	44.792	ng		99
74) Di-n-butylphthalate	11.89	149	1474023	45.797	ng		100
75) Fluoranthene	12.54	202	1399882	45.124	ng		98
77) Benzidine	12.66	184	912177	86.221	ng		99
78) Pyrene	12.77	202	1445797	50.820	ng		100
80) Butylbenzylphthalate	13.39	149	651573	51.377	ng		98
81) Benzo(a)anthracene	13.96	228	1184887	48.627	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	426863	46.434	ng		99
83) Chrysene	14.00	228	1179605	46.066	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	852054	54.484	ng	#	99
85) Di-n-octyl phthalate	14.56	149	1503869	48.335	ng		98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1346696	48.388	ng		100
88) Benzo(b)fluoranthene	15.00	252	1266289	52.349	ng		98
89) Benzo(k)fluoranthene	15.03	252	992666	44.997	ng		99
90) Benzo(a)pyrene	15.36	252	1041080	47.172	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1101077	48.433	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1165273	51.985	ng		100

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

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