Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117759.D
Acq On : 12 Nov 2019 15:08
Operator : JU
Sample : K5789-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-16B-SMS

Manual Integrations APPROVED
mohammad
11/13/2019 6:48:23 PM

Quant Time: Nov 12 15:51:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	283709	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1095443	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	579489	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1075449	20.00	ng	0.00
76) Chrysene-d12	14.12	240	614010	20.00	ng	0.00
87) Perylene-d12	15.63	264	709078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1240063	79.12	ng	0.00
7) Phenol-d6	6.55	99	1580778	81.80	ng	0.00
23) Nitrobenzene-d5	7.49	82	963279	51.92	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	471644	83.20	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1924900	65.54	ng	0.00
79) Terphenyl-d14	13.06	244	1942027	65.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	269406	34.498	ng	99
3) Pyridine	3.53	79	665349	30.974	ng	99
4) n-Nitrosodimethylamine	3.49	42	337632	35.667	ng	95
6) Aniline	6.59	93	749071	27.619	ng	97
8) 2-Chlorophenol	6.71	128	705272	40.450	ng	97
9) Benzaldehyde	6.47	77	371330	27.615	ng	97
10) Phenol	6.56	94	869435	41.752	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	645791	37.555	ng	96
12) 1,3-Dichlorobenzene	6.87	146	779067	38.547	ng	99
13) 1,4-Dichlorobenzene	6.95	146	781856	38.646	ng	98
14) 1,2-Dichlorobenzene	7.10	146	739810	39.715	ng	98
15) Benzyl Alcohol	7.06	79	601039	39.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	955688	35.151	ng	99
17) 2-Methylphenol	7.17	107	581319	38.820	ng	99
18) Hexachloroethane	7.45	117	282428	37.767	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	458707	36.099	ng	99
20) 3+4-Methylphenols	7.32	107	706954	39.647	ng	94
22) Acetophenone	7.33	105	910544	36.368	ng	99
24) Nitrobenzene	7.50	77	729370	37.645	ng	99
25) Isophorone	7.75	82	1312010	36.971	ng	98
26) 2-Nitrophenol	7.82	139	373615	41.537	ng	98
27) 2,4-Dimethylphenol	7.86	122	643917	42.456	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	795556	34.923	ng	100
29) 2,4-Dichlorophenol	8.06	162	594714	38.060	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	671087	37.516	ng	99
31) Naphthalene	8.23	128	1987754	39.699	ng	100
32) Benzoic acid	7.96	122	448768	37.379	ng	96
33) 4-Chloroaniline	8.27	127	419410	18.027	ng	99
34) Hexachlorobutadiene	8.35	225	376767	36.781	ng	99
35) Caprolactam	8.64	113	188666m	36.429	ng	
36) 4-Chloro-3-methylphenol	8.76	107	609528	38.657	ng	99
37) 2-Methylnaphthalene	8.93	142	1363262	39.993	ng	98
38) 1-Methylnaphthalene	9.03	142	1297251	40.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	600358	37.869	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	697617	81.567	ng		100
43) 2,4,6-Trichlorophenol	9.20	196	439021	38.023	ng		97
44) 2,4,5-Trichlorophenol	9.24	196	475531	40.631	ng		97
46) 1,1'-Biphenyl	9.39	154	1627551	40.102	ng		99
47) 2-Chloronaphthalene	9.42	162	1286463	38.197	ng		98
48) 2-Nitroaniline	9.51	65	379493	35.956	ng		97
49) Acenaphthylene	9.84	152	2007103	40.921	ng		98
50) Dimethylphthalate	9.69	163	1692519	43.204	ng		99
51) 2,6-Dinitrotoluene	9.75	165	341393	38.917	ng		89
52) Acenaphthene	10.01	154	1311195	41.428	ng		99
53) 3-Nitroaniline	9.92	138	227532	21.499	ng		97
54) 2,4-Dinitrophenol	10.03	184	270723	90.019	ng		97
55) Dibenzofuran	10.18	168	1768613	39.934	ng		99
56) 4-Nitrophenol	10.07	139	593018	74.508	ng		91
57) 2,4-Dinitrotoluene	10.16	165	432551	38.439	ng		98
58) Fluorene	10.53	166	1277236	39.130	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	383084	39.376	ng		99
60) Diethylphthalate	10.40	149	1471411	38.192	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	671284	39.507	ng		99
62) 4-Nitroaniline	10.54	138	340796	32.717	ng		95
63) Azobenzene	10.68	77	1368835	37.512	ng		99
65) 4,6-Dinitro-2-methylphenol	10.57	198	194500	45.292	ng		90
66) n-Nitrosodiphenylamine	10.63	169	1207807	38.025	ng		99
67) 4-Bromophenyl-phenylether	11.01	248	430657	36.667	ng		97
68) Hexachlorobenzene	11.07	284	486042	35.822	ng	#	91
69) Atrazine	11.16	200	408933	39.069	ng		99
70) Pentachlorophenol	11.27	266	536008	70.668	ng		100
71) Phenanthrene	11.49	178	1947819	37.786	ng		99
72) Anthracene	11.54	178	2004112	39.078	ng		99
73) Carbazole	11.70	167	1759715	37.535	ng		99
74) Di-n-butylphthalate	12.03	149	2160339	37.896	ng		99
75) Fluoranthene	12.69	202	1905697	36.206	ng		98
77) Benzidine	12.80	184	1041317	48.780	ng		99
78) Pyrene	12.92	202	1873686	41.803	ng		99
80) Butylbenzylphthalate	13.53	149	846900	40.906	ng		98
81) Benzo(a)anthracene	14.10	228	1458011	38.148	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	418266	29.302	ng		98
83) Chrysene	14.14	228	1448982	38.390	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	1119441	41.917	ng	#	99
85) Di-n-octyl phthalate	14.72	149	1759279	41.863	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1923651	54.758	ng		100
88) Benzo(b)fluoranthene	15.18	252	1503297	33.662	ng		99
89) Benzo(k)fluoranthene	15.21	252	1489863	37.405	ng		99
90) Benzo(a)pyrene	15.56	252	1417634	36.619	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1583828	45.616	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1644414	48.870	ng		99

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

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