Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113625.D
Acq On : 5 Apr 2019 19:59
Operator : JU/SJ
Sample : K2193-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-040319-AMSD

Manual Integrations APPROVED
Sohil
4/8/2019 9:48:18 AM

Quant Time: Apr 06 06:43:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	112854	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	425509	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	212434	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	436272	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	318854	20.00	ng		-0.02
87) Perylene-d12	15.23	264	305082	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	683595	103.29	ng		0.02
7) Phenol-d6	6.34	99	811301	99.46	ng		0.00
23) Nitrobenzene-d5	7.25	82	576625	79.38	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	304015	119.14	ng		0.00
45) 2-Fluorobiphenyl	9.04	172	1103199	83.60	ng		-0.01
79) Terphenyl-d14	12.77	244	1282223	81.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	99676	31.800	ng	#	84
3) Pyridine	3.16	79	212314	25.882	ng		97
4) n-Nitrosodimethylamine	3.05	42	115517	33.144	ng		98
6) Aniline	6.36	93	53908	5.452	ng	#	1
8) 2-Chlorophenol	6.47	128	274483	35.847	ng		99
9) Benzaldehyde	6.23	77	143834	29.656	ng		97
10) Phenol	6.35	94	280218	30.079	ng	#	74
11) bis(2-Chloroethyl)ether	6.42	93	274445	37.871	ng		100
12) 1,3-Dichlorobenzene	6.62	146	283185	34.342	ng		99
13) 1,4-Dichlorobenzene	6.70	146	289745	34.771	ng		99
14) 1,2-Dichlorobenzene	6.86	146	269878	35.881	ng		96
15) Benzyl Alcohol	6.84	79	224900	40.777	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	414583	36.754	ng		61
17) 2-Methylphenol	6.96	107	210425	35.461	ng		95
18) Hexachloroethane	7.19	117	103035	33.971	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	196416	39.050	ng		99
20) 3+4-Methylphenols	7.12	107	282173	39.246	ng		91
22) Acetophenone	7.10	105	389442	41.671	ng	#	96
24) Nitrobenzene	7.27	77	291970	39.028	ng		98
25) Isophorone	7.51	82	539827	38.576	ng		98
26) 2-Nitrophenol	7.59	139	153105	38.026	ng		94
27) 2,4-Dimethylphenol	7.63	122	250069	43.444	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	342799	38.747	ng		99
29) 2,4-Dichlorophenol	7.84	162	247484	40.185	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	256026	38.281	ng		97
31) Naphthalene	7.99	128	816113	39.585	ng		99
32) Benzoic acid	7.77	122	81211	18.220	ng		98
33) 4-Chloroaniline	8.05	127	29053	3.554	ng		98
34) Hexachlorobutadiene	8.10	225	148921	36.523	ng		99
35) Caprolactam	8.42	113	58970m	30.164	ng		
36) 4-Chloro-3-methylphenol	8.54	107	244131	39.489	ng		96
37) 2-Methylnaphthalene	8.67	142	559039	41.228	ng		99
38) 1-Methylnaphthalene	8.77	142	525434	40.186	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	266536	38.795	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	142632	62.802	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	175014	40.356	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	185145	39.766	ng		97
46) 1,1'-Biphenyl	9.14	154	695080	39.651	ng		99
47) 2-Chloronaphthalene	9.16	162	520705	39.232	ng		99
48) 2-Nitroaniline	9.27	65	158625	39.058	ng		94
49) Acenaphthylene	9.57	152	847872	39.285	ng		99
50) Dimethylphthalate	9.44	163	621383	39.682	ng		99
51) 2,6-Dinitrotoluene	9.51	165	137920	39.957	ng		93
52) Acenaphthene	9.75	154	493350	39.933	ng		100
53) 3-Nitroaniline	9.68	138	27115	6.909	ng		94
54) 2,4-Dinitrophenol	9.80	184	58215	36.049	ng	#	88
55) Dibenzofuran	9.92	168	734977	40.556	ng		98
56) 4-Nitrophenol	9.86	139	136326	55.999	ng		90
57) 2,4-Dinitrotoluene	9.92	165	175032	41.928	ng		96
58) Fluorene	10.26	166	588006	41.023	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	155954	38.698	ng		98
60) Diethylphthalate	10.14	149	628477	41.627	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	294891	41.827	ng		96
62) 4-Nitroaniline	10.29	138	140800	35.282	ng		99
63) Azobenzene	10.42	77	573009	40.084	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	51314	22.342	ng		97
66) n-Nitrosodiphenylamine	10.37	169	532845	39.784	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	191439	39.125	ng		97
68) Hexachlorobenzene	10.82	284	218120	38.905	ng		98
69) Atrazine	10.90	200	168439	39.900	ng		96
70) Pentachlorophenol	11.02	266	157391	59.576	ng		99
71) Phenanthrene	11.22	178	867382	40.011	ng		99
72) Anthracene	11.27	178	908859	41.206	ng		100
73) Carbazole	11.43	167	834294	40.443	ng		99
74) Di-n-butylphthalate	11.76	149	1020253	41.575	ng		99
75) Fluoranthene	12.40	202	949322	40.866	ng		100
77) Benzidine	12.52	184	186970m	15.769	ng		
78) Pyrene	12.63	202	949192	39.124	ng		99
80) Butylbenzylphthalate	13.24	149	418189	42.345	ng		96
81) Benzo(a)anthracene	13.82	228	704440	38.299	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	51770	7.308	ng		99
83) Chrysene	13.85	228	721811	38.712	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	546344	45.756	ng		99
85) Di-n-octyl phthalate	14.41	149	869177	44.782	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	815283	47.359	ng		99
88) Benzo(b)fluoranthene	14.83	252	703707	37.682	ng		99
89) Benzo(k)fluoranthene	14.86	252	655411	39.105	ng		99
90) Benzo(a)pyrene	15.17	252	675633	40.714	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	688914	44.394	ng		99
92) Benzo(g,h,i)perylene	16.99	276	708398	44.724	ng		100

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

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