Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113674.D
Acq On : 9 Apr 2019 21:23
Operator : JU/SJ
Sample : K2294-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-SMS

Manual Integrations APPROVED
Sohil
4/10/2019 6:20:41 PM

Quant Time: Apr 10 07:16:29 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	106178	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	387067	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	176736	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	306870	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	260014	20.00	ng		-0.02
87) Perylene-d12	15.23	264	265098	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	754363	121.15	ng		0.01
7) Phenol-d6	6.34	99	884082	115.20	ng		0.00
23) Nitrobenzene-d5	7.25	82	608225	92.04	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	280289	132.02	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1121946	102.20	ng		-0.01
79) Terphenyl-d14	12.77	244	1043360	81.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	109416	37.102	ng	#	84
3) Pyridine	3.14	79	238849	30.948	ng		97
4) n-Nitrosodimethylamine	3.04	42	128563	39.206	ng		95
6) Aniline	6.35	93	252188	27.110	ng	#	88
8) 2-Chlorophenol	6.47	128	295613	41.034	ng		96
9) Benzaldehyde	6.23	77	90606	19.856	ng		98
10) Phenol	6.35	94	315434	35.988	ng		91
11) bis(2-Chloroethyl)ether	6.42	93	284766	41.766	ng		98
12) 1,3-Dichlorobenzene	6.62	146	296769	38.252	ng		97
13) 1,4-Dichlorobenzene	6.70	146	303092	38.660	ng		99
14) 1,2-Dichlorobenzene	6.85	146	287535	40.632	ng		98
15) Benzyl Alcohol	6.84	79	167723	32.323	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.96	45	438861	41.353	ng		67
17) 2-Methylphenol	6.96	107	263538	47.204	ng	#	86
18) Hexachloroethane	7.19	117	100488	35.214	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	206275	43.589	ng		98
20) 3+4-Methylphenols	7.12	107	312847	46.248	ng		91
22) Acetophenone	7.09	105	405866	47.742	ng		97
24) Nitrobenzene	7.27	77	302837	44.501	ng		100
25) Isophorone	7.50	82	556921	43.750	ng		97
26) 2-Nitrophenol	7.59	139	153604	41.939	ng		92
27) 2,4-Dimethylphenol	7.63	122	266445	50.887	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	360895	44.843	ng		100
29) 2,4-Dichlorophenol	7.84	162	254337	45.399	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	267339	43.943	ng		98
31) Naphthalene	7.99	128	847964	45.214	ng		98
32) Benzoic acid	7.76	122	30198	7.448	ng		94
33) 4-Chloroaniline	8.05	127	118213	15.897	ng		98
34) Hexachlorobutadiene	8.10	225	157108	42.357	ng		98
35) Caprolactam	8.41	113	60082m	33.785	ng		
36) 4-Chloro-3-methylphenol	8.54	107	250317	44.510	ng		98
37) 2-Methylnaphthalene	8.67	142	561416	45.515	ng		99
38) 1-Methylnaphthalene	8.77	142	529866	44.550	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	268585	46.990	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	31800	26.605	ng		98
43) 2,4,6-Trichlorophenol	8.96	196	164637	45.632	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	175806	45.387	ng		99
46) 1,1'-Biphenyl	9.14	154	692512	47.484	ng		98
47) 2-Chloronaphthalene	9.16	162	521001	47.183	ng		97
48) 2-Nitroaniline	9.26	65	157847	46.717	ng		97
49) Acenaphthylene	9.57	152	813749	45.320	ng		99
50) Dimethylphthalate	9.44	163	613754	47.111	ng		99
51) 2,6-Dinitrotoluene	9.50	165	129621	45.137	ng		97
52) Acenaphthene	9.75	154	474696	46.184	ng		99
53) 3-Nitroaniline	9.67	138	93613	28.672	ng		93
54) 2,4-Dinitrophenol	9.82	184	18938	14.096	ng		91
55) Dibenzofuran	9.92	168	703521	46.661	ng		100
56) 4-Nitrophenol	9.87	139	101837	50.282	ng		94
57) 2,4-Dinitrotoluene	9.92	165	153011	44.056	ng	#	85
58) Fluorene	10.26	166	543802	45.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	156306	46.619	ng		98
60) Diethylphthalate	10.13	149	603863	48.076	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	281674	48.022	ng		93
62) 4-Nitroaniline	10.29	138	123890	37.315	ng		97
63) Azobenzene	10.41	77	527059	44.317	ng		99
65) 4,6-Dinitro-2-methylphenol	10.34	198	17514	10.841	ng		97
66) n-Nitrosodiphenylamine	10.37	169	495546	52.602	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	172821	50.214	ng		99
68) Hexachlorobenzene	10.82	284	188569	47.817	ng		98
69) Atrazine	10.90	200	150311	50.621	ng		95
70) Pentachlorophenol	11.02	266	115115	61.948	ng		99
71) Phenanthrene	11.22	178	727835	47.731	ng		99
72) Anthracene	11.27	178	758153	48.868	ng		99
73) Carbazole	11.43	167	692657	47.736	ng		99
74) Di-n-butylphthalate	11.75	149	869683	50.384	ng		100
75) Fluoranthene	12.40	202	752639	46.061	ng		99
77) Benzidine	12.53	184	356707	36.892	ng		96
78) Pyrene	12.63	202	758216	38.324	ng		100
80) Butylbenzylphthalate	13.24	149	328489	40.789	ng		96
81) Benzo(a)anthracene	13.82	228	678677	45.248	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	223846	38.747	ng		99
83) Chrysene	13.86	228	698639	45.949	ng		98
84) Bis(2-ethylhexyl)phthalate	13.80	149	449987	46.214	ng		99
85) Di-n-octyl phthalate	14.41	149	805314	50.881	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	643052	45.807	ng		99
88) Benzo(b)fluoranthene	14.84	252	743607	45.824	ng		100
89) Benzo(k)fluoranthene	14.86	252	692696m	47.564	ng		
90) Benzo(a)pyrene	15.18	252	685378	47.531	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	554632	41.131	ng		99
92) Benzo(g,h,i)perylene	17.00	276	516680	37.540	ng		99

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

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