Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113292.D
Acq On : 26 Mar 2019 15:22
Operator : JU/SJ
Sample : K2081-14MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Manual Integrations APPROVED
Sohil
3/27/2019 3:17:41 PM

Quant Time: Mar 27 06:56:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	131708	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	468818	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	256320	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	519172	20.00	ng		0.00
76) Chrysene-d12	13.84	240	386898	20.00	ng		0.00
87) Perylene-d12	15.24	264	386481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	990602	122.98	ng		0.01
7) Phenol-d6	6.36	99	1236052	121.30	ng		0.00
23) Nitrobenzene-d5	7.27	82	769983	97.48	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	401338	126.76	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1379843	84.21	ng		0.00
79) Terphenyl-d14	12.79	244	1596248	90.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	136304	33.352	ng		100
3) Pyridine	3.11	79	346216	34.364	ng		98
4) n-Nitrosodimethylamine	3.03	42	168635	37.651	ng		94
6) Aniline	6.36	93	311974	25.141	ng		84
8) 2-Chlorophenol	6.49	128	372969	39.873	ng		98
9) Benzaldehyde	6.25	77	86103	12.592	ng		98
10) Phenol	6.37	94	469819	40.386	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	345819	38.781	ng		99
12) 1,3-Dichlorobenzene	6.65	146	379836	37.672	ng		98
13) 1,4-Dichlorobenzene	6.72	146	389132	39.971	ng		99
14) 1,2-Dichlorobenzene	6.87	146	361851	37.781	ng		98
15) Benzyl Alcohol	6.85	79	304664	45.320	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	552294	41.228	ng		98
17) 2-Methylphenol	6.97	107	307839	41.994	ng		98
18) Hexachloroethane	7.22	117	137217	39.242	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	247997	38.745	ng		99
20) 3+4-Methylphenols	7.13	107	380336	45.204	ng		93
22) Acetophenone	7.12	105	497441	46.526	ng	#	98
24) Nitrobenzene	7.29	77	389872	47.301	ng		98
25) Isophorone	7.53	82	664682	43.423	ng		98
26) 2-Nitrophenol	7.60	139	194309	44.600	ng		93
27) 2,4-Dimethylphenol	7.65	122	314015	50.105	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	419679	43.537	ng		100
29) 2,4-Dichlorophenol	7.85	162	306761	45.168	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	321141	43.828	ng		99
31) Naphthalene	8.01	128	1019235	44.489	ng		99
32) Benzoic acid	7.74	122	33942	6.728	ng		93
33) 4-Chloroaniline	8.06	127	214737	24.037	ng		99
34) Hexachlorobutadiene	8.13	225	185962	42.701	ng		99
35) Caprolactam	8.42	113	97624m	44.788	ng		
36) 4-Chloro-3-methylphenol	8.56	107	309763	45.347	ng		97
37) 2-Methylnaphthalene	8.70	142	685794	47.974	ng		99
38) 1-Methylnaphthalene	8.80	142	645390	46.938	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	316549	38.473	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	292507	83.990	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	218394	40.761	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	234718	39.584	ng		98
46) 1,1'-Biphenyl	9.16	154	842780	39.368	ng		99
47) 2-Chloronaphthalene	9.19	162	649923	39.430	ng		98
48) 2-Nitroaniline	9.28	65	212841	41.148	ng		97
49) Acenaphthylene	9.60	152	1141681	42.838	ng		100
50) Dimethylphthalate	9.46	163	871873	45.899	ng		100
51) 2,6-Dinitrotoluene	9.52	165	181672	42.394	ng		100
52) Acenaphthene	9.77	154	641224	42.723	ng		99
53) 3-Nitroaniline	9.69	138	150928	31.231	ng		99
54) 2,4-Dinitrophenol	9.80	184	84994	39.878	ng		91
55) Dibenzofuran	9.94	168	991975	43.964	ng		99
56) 4-Nitrophenol	9.87	139	286517	83.161	ng		88
57) 2,4-Dinitrotoluene	9.93	165	239351	43.921	ng		98
58) Fluorene	10.28	166	743673	42.427	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	225296	44.931	ng		99
60) Diethylphthalate	10.16	149	795658	42.698	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	368665	43.155	ng		94
62) 4-Nitroaniline	10.30	138	206340	41.470	ng		97
63) Azobenzene	10.43	77	752385	42.893	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	104485	36.789	ng		98
66) n-Nitrosodiphenylamine	10.39	169	686962	43.121	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	238287	42.111	ng		95
68) Hexachlorobenzene	10.83	284	278880	42.460	ng		97
69) Atrazine	10.92	200	216265	43.009	ng		96
70) Pentachlorophenol	11.03	266	273843	80.024	ng		98
71) Phenanthrene	11.24	178	1095537	42.492	ng		99
72) Anthracene	11.29	178	1153691	44.054	ng		100
73) Carbazole	11.45	167	1080876	43.254	ng		100
74) Di-n-butylphthalate	11.78	149	1226981	42.342	ng		99
75) Fluoranthene	12.42	202	1193189	40.938	ng		100
77) Benzidine	12.54	184	377481	25.478	ng		96
78) Pyrene	12.64	202	1208119	45.061	ng		100
80) Butylbenzylphthalate	13.27	149	514990	43.585	ng		94
81) Benzo(a)anthracene	13.83	228	906467	40.930	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	264195	29.736	ng		99
83) Chrysene	13.87	228	956108	42.503	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	619939	42.799	ng	#	99
85) Di-n-octyl phthalate	14.43	149	1070799	43.551	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1108897	57.439	ng		98
88) Benzo(b)fluoranthene	14.84	252	922507	38.425	ng		99
89) Benzo(k)fluoranthene	14.87	252	894435	42.423	ng		99
90) Benzo(a)pyrene	15.19	252	907137	42.620	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	922501	50.126	ng		99
92) Benzo(g,h,i)perylene	17.00	276	975803	52.587	ng		99

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

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