Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113560.D
Acq On : 3 Apr 2019 23:15
Operator : JU/SJ
Sample : K2190-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VN-SP-1MS

Manual Integrations APPROVED
Sohil
4/4/2019 10:57:52 AM

Quant Time: Apr 04 05:48:37 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	6.69	152	121450	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	404483	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	163225	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	293140	20.00	ng		0.00
76) Chrysene-d12	13.84	240	300540	20.00	ng		0.00
87) Perylene-d12	15.25	264	292428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	750664	105.40	ng		0.02
7) Phenol-d6	6.34	99	863964	98.42	ng		0.00
23) Nitrobenzene-d5	7.25	82	579836	83.97	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	230180	117.40	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1024133	101.01	ng		0.00
79) Terphenyl-d14	12.79	244	1054971	71.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	121371	35.980	ng	#	83
3) Pyridine	3.18	79	134668	15.255	ng		94
4) n-Nitrosodimethylamine	3.06	42	129218	34.451	ng		91
6) Aniline	6.36	93	45163	4.245	ng	#	1
8) 2-Chlorophenol	6.47	128	294124	35.693	ng		99
9) Benzaldehyde	6.23	77	194435	37.252	ng		100
10) Phenol	6.35	94	299382	29.862	ng	#	70
11) bis(2-Chloroethyl)ether	6.43	93	291878	37.426	ng		99
12) 1,3-Dichlorobenzene	6.63	146	327703	36.928	ng		98
13) 1,4-Dichlorobenzene	6.70	146	330744	36.882	ng		99
14) 1,2-Dichlorobenzene	6.86	146	306797	37.902	ng		99
15) Benzyl Alcohol	6.83	79	216662	36.503	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	455807	37.549	ng		94
17) 2-Methylphenol	6.96	107	220545	34.536	ng		98
18) Hexachloroethane	7.19	117	110237	33.773	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	197435	36.474	ng		99
20) 3+4-Methylphenols	7.11	107	278051	35.935	ng		97
22) Acetophenone	7.10	105	392241	44.152	ng	#	96
24) Nitrobenzene	7.27	77	296194	41.651	ng		96
25) Isophorone	7.51	82	516342	38.816	ng		99
26) 2-Nitrophenol	7.59	139	144718	37.812	ng		96
27) 2,4-Dimethylphenol	7.63	122	237178	43.347	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	342239	40.694	ng		100
29) 2,4-Dichlorophenol	7.84	162	227277	38.822	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	263308	41.417	ng		99
31) Naphthalene	7.99	128	826898	42.193	ng		99
32) Benzoic acid	7.75	122	14701	3.470	ng		92
33) 4-Chloroaniline	8.05	127	19032	2.449	ng		97
34) Hexachlorobutadiene	8.11	225	159227	41.080	ng		99
35) Caprolactam	8.40	113	44110m	23.736	ng		
36) 4-Chloro-3-methylphenol	8.54	107	205460	34.961	ng		99
37) 2-Methylnaphthalene	8.68	142	521709	40.475	ng		98
38) 1-Methylnaphthalene	8.78	142	483387	38.892	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	245044	46.420	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	58162	39.597	ng		97
43) 2,4,6-Trichlorophenol	8.97	196	144326	43.313	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	152884	42.737	ng		98
46) 1,1'-Biphenyl	9.15	154	616233	45.752	ng		98
47) 2-Chloronaphthalene	9.17	162	452912	44.412	ng		99
48) 2-Nitroaniline	9.27	65	133203	42.687	ng		96
49) Acenaphthylene	9.58	152	707499	42.664	ng		100
50) Dimethylphthalate	9.45	163	509766	42.368	ng		99
51) 2,6-Dinitrotoluene	9.52	165	105865	39.916	ng	#	86
52) Acenaphthene	9.76	154	406202	42.791	ng		99
53) 3-Nitroaniline	9.68	138	35250	11.690	ng		91
54) 2,4-Dinitrophenol	9.82	184	10246	8.258	ng		92
55) Dibenzofuran	9.93	168	604614	43.420	ng		98
56) 4-Nitrophenol	9.86	139	114434	61.178	ng		96
57) 2,4-Dinitrotoluene	9.92	165	124805	38.909	ng		92
58) Fluorene	10.27	166	457481	41.539	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	126088	40.719	ng		98
60) Diethylphthalate	10.15	149	489377	42.186	ng		100
61) 4-Chlorophenyl-phenylether	10.26	204	231413	42.719	ng		94
62) 4-Nitroaniline	10.29	138	110433	36.015	ng		97
63) Azobenzene	10.42	77	437834	39.862	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	11520	7.465	ng		94
66) n-Nitrosodiphenylamine	10.38	169	405707	45.082	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	140457	42.722	ng		94
68) Hexachlorobenzene	10.82	284	158015	41.946	ng	#	94
69) Atrazine	10.91	200	119032	41.964	ng		97
70) Pentachlorophenol	11.02	266	87632	49.367	ng		100
71) Phenanthrene	11.23	178	642619	44.117	ng		99
72) Anthracene	11.28	178	669178	45.153	ng		99
73) Carbazole	11.44	167	618389	44.613	ng		98
74) Di-n-butylphthalate	11.77	149	736164	44.646	ng		99
75) Fluoranthene	12.42	202	739926	47.404	ng		98
77) Benzidine	12.54	184	119703	10.711	ng		97
78) Pyrene	12.64	202	761470	33.299	ng		99
80) Butylbenzylphthalate	13.26	149	338382	36.352	ng		95
81) Benzo(a)anthracene	13.83	228	688500	39.713	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	60427	9.049	ng		98
83) Chrysene	13.87	228	728234	41.437	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	459242	40.805	ng		99
85) Di-n-octyl phthalate	14.43	149	890765	48.691	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	687380	42.362	ng		98
88) Benzo(b)fluoranthene	14.85	252	701172	39.171	ng		99
89) Benzo(k)fluoranthene	14.88	252	715299	44.525	ng		99
90) Benzo(a)pyrene	15.19	252	674043	42.376	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	591861	39.790	ng		99
92) Benzo(g,h,i)perylene	17.02	276	561147	36.960	ng		99

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

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