Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113329.D
Acq On : 27 Mar 2019 14:25
Operator : JU/SJ
Sample : K2102-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Manual Integrations APPROVED
Sohil
3/28/2019 8:41:43 AM

Quant Time: Mar 28 03:50:22 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	170983	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	646670	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	310963	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	632254	20.00	ng		0.00
76) Chrysene-d12	13.84	240	392049	20.00	ng		0.00
87) Perylene-d12	15.24	264	411176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	852266	81.50	ng		0.00
7) Phenol-d6	6.35	99	1111501	84.02	ng		0.00
23) Nitrobenzene-d5	7.26	82	669420	61.44	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	305113	79.43	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1203043	54.26	ng		0.00
79) Terphenyl-d14	12.79	244	1255545	70.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	125953	23.740	ng		99
3) Pyridine	3.13	79	315643	24.133	ng		94
4) n-Nitrosodimethylamine	3.04	42	147230	25.321	ng		90
6) Aniline	6.36	93	311050	19.309	ng	#	78
8) 2-Chlorophenol	6.49	128	331494	27.299	ng		95
9) Benzaldehyde	6.25	77	73413	8.270	ng		98
10) Phenol	6.36	94	413717	27.394	ng		89
11) bis(2-Chloroethyl)ether	6.44	93	316279	27.321	ng		100
12) 1,3-Dichlorobenzene	6.65	146	345551	26.399	ng		97
13) 1,4-Dichlorobenzene	6.72	146	356278	28.190	ng		98
14) 1,2-Dichlorobenzene	6.87	146	329314	26.486	ng		97
15) Benzyl Alcohol	6.85	79	258943	29.671	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	487984	28.060	ng		96
17) 2-Methylphenol	6.97	107	274650	28.861	ng		97
18) Hexachloroethane	7.22	117	123567	27.221	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	216957	26.110	ng		97
20) 3+4-Methylphenols	7.12	107	341478	28.494	ng		94
22) Acetophenone	7.11	105	446292	30.262	ng	#	97
24) Nitrobenzene	7.28	77	339703	29.879	ng		96
25) Isophorone	7.53	82	611871	28.979	ng		99
26) 2-Nitrophenol	7.60	139	173521	28.874	ng		91
27) 2,4-Dimethylphenol	7.65	122	299732	34.673	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	395276	29.728	ng		99
29) 2,4-Dichlorophenol	7.85	162	283053	30.215	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	295194	29.207	ng		98
31) Naphthalene	8.00	128	941410	29.790	ng		99
32) Benzoic acid	7.79	122	17868	2.568	ng	#	86
33) 4-Chloroaniline	8.06	127	280564	22.768	ng		97
34) Hexachlorobutadiene	8.13	225	168565	28.061	ng		100
35) Caprolactam	8.42	113	84023	27.946	ng		97
36) 4-Chloro-3-methylphenol	8.55	107	288309	30.598	ng		99
37) 2-Methylnaphthalene	8.70	142	629819	31.941	ng		98
38) 1-Methylnaphthalene	8.80	142	596014	31.425	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	289738	29.027	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	198236	46.919	ng		100
43) 2,4,6-Trichlorophenol	8.98	196	187672	28.872	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	202264	28.117	ng		97
46) 1,1'-Biphenyl	9.16	154	764020	29.418	ng		99
47) 2-Chloronaphthalene	9.19	162	582859	29.148	ng		98
48) 2-Nitroaniline	9.28	65	188152	29.983	ng		99
49) Acenaphthylene	9.60	152	958529	29.646	ng		99
50) Dimethylphthalate	9.46	163	769153	33.376	ng		100
51) 2,6-Dinitrotoluene	9.52	165	154432	29.705	ng		95
52) Acenaphthene	9.77	154	537872	29.540	ng		99
53) 3-Nitroaniline	9.69	138	150330	25.641	ng		99
54) 2,4-Dinitrophenol	9.80	184	30467	11.783	ng		99
55) Dibenzofuran	9.94	168	836644	30.564	ng		99
56) 4-Nitrophenol	9.87	139	192671	46.096	ng		90
57) 2,4-Dinitrotoluene	9.93	165	202609	30.646	ng		96
58) Fluorene	10.28	166	629883	29.621	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	153001	25.151	ng		99
60) Diethylphthalate	10.16	149	661842	29.276	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	309174	29.831	ng		93
62) 4-Nitroaniline	10.30	138	177068	29.334	ng		97
63) Azobenzene	10.43	77	628988	29.557	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	39374	11.384	ng		98
66) n-Nitrosodiphenylamine	10.39	169	586830	30.248	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	198203	28.762	ng		98
68) Hexachlorobenzene	10.83	284	234208	29.281	ng		99
69) Atrazine	10.92	200	181907	29.706	ng		96
70) Pentachlorophenol	11.03	266	124568	29.891	ng		99
71) Phenanthrene	11.24	178	928110	29.560	ng		99
72) Anthracene	11.29	178	977963	30.665	ng		100
73) Carbazole	11.45	167	914576	30.053	ng		99
74) Di-n-butylphthalate	11.77	149	1032803	29.266	ng		100
75) Fluoranthene	12.42	202	979974	27.609	ng		98
77) Benzidine	12.54	184	307949	20.512	ng		98
78) Pyrene	12.65	202	972387	35.792	ng		99
80) Butylbenzylphthalate	13.26	149	377225	31.506	ng		98
81) Benzo(a)anthracene	13.83	228	647295	28.844	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	202590	22.503	ng		99
83) Chrysene	13.86	228	678541	29.768	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	448004	30.523	ng	#	99
85) Di-n-octyl phthalate	14.43	149	694251	27.865	ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	819866	41.910	ng		98
88) Benzo(b)fluoranthene	14.84	252	647847	25.364	ng		99
89) Benzo(k)fluoranthene	14.87	252	625180m	27.872	ng		
90) Benzo(a)pyrene	15.18	252	648870	28.655	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	691511	35.318	ng		100
92) Benzo(g,h,i)perylene	17.00	276	702764	35.598	ng		99

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

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