Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
Data File : BF113647.D
Acq On : 8 Apr 2019 18:58
Operator : JU/SJ
Sample : K2309-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HA-040519MS

Manual Integrations APPROVED
Sohil
4/9/2019 10:15:54 AM

Quant Time: Apr 09 01:39:02 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	118786	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	457261	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	230323	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	457661	20.00	ng		0.00
76) Chrysene-d12	13.83	240	338325	20.00	ng		-0.01
87) Perylene-d12	15.24	264	320012	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	591033	84.85	ng		0.00
7) Phenol-d6	6.33	99	767480	89.39	ng		0.00
23) Nitrobenzene-d5	7.25	82	453944	58.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	249933	90.33	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	881729	61.63	ng		-0.01
79) Terphenyl-d14	12.77	244	949622	57.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	69452	21.051	ng		97
3) Pyridine	3.06	79	168581	19.525	ng		97
4) n-Nitrosodimethylamine	2.97	42	82849	22.584	ng	#	90
6) Aniline	6.35	93	166835	16.031	ng	#	83
8) 2-Chlorophenol	6.47	128	208846	25.913	ng		99
9) Benzaldehyde	6.23	77	94231	18.459	ng		99
10) Phenol	6.35	94	258304	26.342	ng		94
11) bis(2-Chloroethyl)ether	6.42	93	193746	25.400	ng		99
12) 1,3-Dichlorobenzene	6.62	146	217175	25.022	ng		97
13) 1,4-Dichlorobenzene	6.70	146	226121	25.781	ng		98
14) 1,2-Dichlorobenzene	6.85	146	210030	26.529	ng		96
15) Benzyl Alcohol	6.83	79	146447	25.227	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	306751	25.837	ng		79
17) 2-Methylphenol	6.95	107	176906	28.324	ng		95
18) Hexachloroethane	7.19	117	77605	24.309	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	146296	27.633	ng		98
20) 3+4-Methylphenols	7.11	107	224508	29.666	ng		91
22) Acetophenone	7.09	105	286899	28.567	ng	#	96
24) Nitrobenzene	7.26	77	208917	25.987	ng		97
25) Isophorone	7.50	82	402269	26.750	ng		98
26) 2-Nitrophenol	7.59	139	113314	26.189	ng		90
27) 2,4-Dimethylphenol	7.63	122	194137	31.385	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	257109	27.043	ng		100
29) 2,4-Dichlorophenol	7.84	162	188323	28.455	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	192685	26.810	ng		98
31) Naphthalene	7.99	128	618241	27.905	ng		98
32) Benzoic acid	7.75	122	24904	5.199	ng		93
33) 4-Chloroaniline	8.05	127	111745	12.720	ng		97
34) Hexachlorobutadiene	8.10	225	113174	25.829	ng		99
35) Caprolactam	8.40	113	59936m	28.529	ng		
36) 4-Chloro-3-methylphenol	8.54	107	193224	29.084	ng		100
37) 2-Methylnaphthalene	8.67	142	422548	28.998	ng		99
38) 1-Methylnaphthalene	8.77	142	399574	28.438	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	199802	26.823	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	86989	41.169	ng		100
43) 2,4,6-Trichlorophenol	8.96	196	129331	27.506	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	141399	28.011	ng		97
46) 1,1'-Biphenyl	9.14	154	524672	27.606	ng		99
47) 2-Chloronaphthalene	9.16	162	389698	27.081	ng		98
48) 2-Nitroaniline	9.26	65	124329	28.236	ng		96
49) Acenaphthylene	9.57	152	651274	27.832	ng		99
50) Dimethylphthalate	9.44	163	550652	32.433	ng		99
51) 2,6-Dinitrotoluene	9.50	165	105819	28.276	ng		97
52) Acenaphthene	9.75	154	372231	27.789	ng		100
53) 3-Nitroaniline	9.67	138	87439	20.550	ng		91
54) 2,4-Dinitrophenol	9.80	184	33510	19.139	ng		94
55) Dibenzofuran	9.92	168	561375	28.570	ng		98
56) 4-Nitrophenol	9.87	139	115556	43.781	ng		93
57) 2,4-Dinitrotoluene	9.92	165	132114	29.189	ng	#	85
58) Fluorene	10.26	166	450192	28.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	126510	28.953	ng		95
60) Diethylphthalate	10.14	149	474248	28.972	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	225045	29.441	ng		96
62) 4-Nitroaniline	10.29	138	107461	24.836	ng		95
63) Azobenzene	10.41	77	419462	27.064	ng		96
65) 4,6-Dinitro-2-methylphenol	10.33	198	31894	13.237	ng		83
66) n-Nitrosodiphenylamine	10.37	169	398852	28.388	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	141022	27.474	ng		96
68) Hexachlorobenzene	10.82	284	159880	27.184	ng		95
69) Atrazine	10.90	200	130110	29.380	ng		97
70) Pentachlorophenol	11.02	266	118570	42.784	ng		98
71) Phenanthrene	11.22	178	674051	29.640	ng		99
72) Anthracene	11.27	178	669409	28.931	ng		99
73) Carbazole	11.43	167	623795	28.825	ng		100
74) Di-n-butylphthalate	11.76	149	764179	29.685	ng		100
75) Fluoranthene	12.41	202	767954	31.513	ng		98
77) Benzidine	12.53	184	187060	14.868	ng		99
78) Pyrene	12.63	202	763680	29.666	ng		99
80) Butylbenzylphthalate	13.25	149	308048	29.397	ng		98
81) Benzo(a)anthracene	13.82	228	554596	28.417	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	103914	13.824	ng		99
83) Chrysene	13.86	228	547655	27.682	ng		100
84) Bis(2-ethylhexyl)phthalate	13.81	149	427015	33.704	ng	#	98
85) Di-n-octyl phthalate	14.42	149	670370	32.552	ng		100
86) Indeno(1,2,3-cd)pyrene	16.61	276	580066	31.756	ng		99
88) Benzo(b)fluoranthene	14.84	252	529941	27.053	ng		99
89) Benzo(k)fluoranthene	14.87	252	508595	28.930	ng		100
90) Benzo(a)pyrene	15.18	252	500827	28.772	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	481922	29.606	ng		99
92) Benzo(g,h,i)perylene	17.01	276	488381	29.395	ng		99

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

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