Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111943.D
Acq On : 9 Jan 2019 11:39
Operator : JU/SJ
Sample : K1066-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TN-1419MS

Manual Integrations APPROVED
Sohil
1/10/2019 11:45:47 AM

Quant Time: Jan 09 12:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	197421	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	691690	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	338096	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	518897	20.00	ng		0.00
76) Chrysene-d12	14.06	240	360030	20.00	ng		0.00
87) Perylene-d12	15.54	264	406295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1089541	94.42	ng		0.01
7) Phenol-d6	6.53	99	1443619	97.06	ng		0.00
23) Nitrobenzene-d5	7.45	82	894793	69.14	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	367075	83.47	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1679886	72.45	ng		0.00
79) Terphenyl-d14	13.00	244	1188435	62.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	134169	26.591	ng		99
3) Pyridine	3.52	79	382907	29.278	ng		99
4) n-Nitrosodimethylamine	3.46	42	215272	33.084	ng		98
6) Aniline	6.55	93	184578	10.264	ng	#	67
8) 2-Chlorophenol	6.68	128	411953	32.150	ng		96
9) Benzaldehyde	6.43	77	143426	13.339	ng		99
10) Phenol	6.55	94	544046	33.655	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	381936	30.541	ng		96
12) 1,3-Dichlorobenzene	6.83	146	453707	30.543	ng		97
13) 1,4-Dichlorobenzene	6.90	146	462343	30.672	ng		99
14) 1,2-Dichlorobenzene	7.06	146	432237	29.997	ng		99
15) Benzyl Alcohol	7.03	79	365455	31.055	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	607101	28.473	ng		92
17) 2-Methylphenol	7.15	107	306664	29.778	ng		99
18) Hexachloroethane	7.40	117	162609	30.896	ng		100
19) n-Nitroso-di-n-propylamine	7.30	70	294512	30.476	ng		99
20) 3+4-Methylphenols	7.30	107	427636	33.365	ng		95
22) Acetophenone	7.29	105	562983	32.149	ng		97
24) Nitrobenzene	7.47	77	429280	32.789	ng		98
25) Isophorone	7.70	82	778298	37.137	ng		100
26) 2-Nitrophenol	7.79	139	212969	33.038	ng		92
27) 2,4-Dimethylphenol	7.83	122	357059	38.309	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	487321	34.837	ng		98
29) 2,4-Dichlorophenol	8.03	162	364098	33.972	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	394113	33.333	ng		99
31) Naphthalene	8.19	128	1118213	34.056	ng		100
32) Benzoic acid	7.93	122	92640	15.316	ng		99
33) 4-Chloroaniline	8.24	127	86453	6.091	ng		99
34) Hexachlorobutadiene	8.31	225	234483	31.857	ng		98
35) Caprolactam	8.60	113	104409m	29.817	ng		
36) 4-Chloro-3-methylphenol	8.73	107	350357	32.878	ng		99
37) 2-Methylnaphthalene	8.89	142	815612	40.087	ng		99
38) 1-Methylnaphthalene	8.99	142	751694	38.520	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	351664	32.626	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	285888	45.873	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	245762	33.616	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	260503	34.010	ng		98
46) 1,1'-Biphenyl	9.35	154	955652	33.791	ng		100
47) 2-Chloronaphthalene	9.37	162	744648	33.549	ng		99
48) 2-Nitroaniline	9.46	65	223648	32.957	ng		98
49) Acenaphthylene	9.79	152	1147490	34.968	ng		99
50) Dimethylphthalate	9.65	163	918845	36.178	ng		99
51) 2,6-Dinitrotoluene	9.70	165	188881	33.256	ng		96
52) Acenaphthene	9.96	154	649423	30.698	ng		99
53) 3-Nitroaniline	9.87	138	92191	15.157	ng		89
54) 2,4-Dinitrophenol	9.99	184	91909	38.217	ng		98
55) Dibenzofuran	10.13	168	943354	30.662	ng		100
56) 4-Nitrophenol	10.05	139	238358	55.463	ng		98
57) 2,4-Dinitrotoluene	10.11	165	226372	30.846	ng		96
58) Fluorene	10.47	166	774118	34.579	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	206235	31.956	ng		96
60) Diethylphthalate	10.35	149	815851	33.193	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	394451	31.421	ng		100
62) 4-Nitroaniline	10.49	138	152690	26.467	ng		99
63) Azobenzene	10.63	77	724412	30.852	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	78625	24.557	ng		98
66) n-Nitrosodiphenylamine	10.58	169	671455	38.561	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	224577	33.415	ng	#	91
68) Hexachlorobenzene	11.03	284	251964	33.827	ng		98
69) Atrazine	11.11	200	211312	34.540	ng		100
70) Pentachlorophenol	11.22	266	199705	47.116	ng		99
71) Phenanthrene	11.44	178	952939	34.349	ng		99
72) Anthracene	11.49	178	940419	33.392	ng		98
73) Carbazole	11.64	167	796756	29.085	ng		99
74) Di-n-butylphthalate	11.97	149	1014491	31.882	ng		100
75) Fluoranthene	12.63	202	853382	29.964	ng		99
77) Benzidine	12.74	184	240262	22.334	ng		96
78) Pyrene	12.86	202	836545	33.769	ng		99
80) Butylbenzylphthalate	13.47	149	349620	33.383	ng		93
81) Benzo(a)anthracene	14.04	228	716813	34.595	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	182291	23.830	ng		100
83) Chrysene	14.08	228	677575	34.297	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	505604	36.761	ng		100
85) Di-n-octyl phthalate	14.64	149	838687	42.610	ng		100
86) Indeno(1,2,3-cd)pyrene	17.04	276	705079	48.953	ng		99
88) Benzo(b)fluoranthene	15.10	252	798206	32.842	ng		98
89) Benzo(k)fluoranthene	15.13	252	785432	34.380	ng		99
90) Benzo(a)pyrene	15.48	252	751143	35.149	ng		100
91) Dibenzo(a,h)anthracene	17.05	278	590474	34.354	ng		99
92) Benzo(g,h,i)perylene	17.49	276	566263	33.684	ng		99

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

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