Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113381.D
Acq On : 28 Mar 2019 18:36
Operator : JU/SJ
Sample : K2107-15MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8MS

Manual Integrations APPROVED
Sohil
3/29/2019 4:47:20 PM

Quant Time: Mar 29 02:36:30 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	171588	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	651889	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	335315	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	697304	20.00	ng		0.00
76) Chrysene-d12	13.84	240	600708	20.00	ng		0.00
87) Perylene-d12	15.24	264	561834	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	927504	88.39	ng		0.00
7) Phenol-d6	6.35	99	1216401	91.63	ng		0.00
23) Nitrobenzene-d5	7.27	82	744146	67.75	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	401745	97.00	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1420589	61.53	ng		0.00
79) Terphenyl-d14	12.79	244	1759722	64.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	123180	23.135	ng		98
3) Pyridine	3.21	79	35314	2.690	ng		94
4) n-Nitrosodimethylamine	3.03	42	137732	23.604	ng		89
6) Aniline	6.36	93	201348	12.455	ng	#	46
8) 2-Chlorophenol	6.49	128	327335	26.861	ng		95
9) Benzaldehyde	6.25	77	81104	9.104	ng		95
10) Phenol	6.36	94	395435	26.092	ng		82
11) bis(2-Chloroethyl)ether	6.44	93	314305	27.055	ng		99
12) 1,3-Dichlorobenzene	6.65	146	344475	26.224	ng		97
13) 1,4-Dichlorobenzene	6.72	146	354596	27.958	ng		100
14) 1,2-Dichlorobenzene	6.87	146	334473	26.806	ng		96
15) Benzyl Alcohol	6.85	79	254252	29.031	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	507318	29.069	ng		98
17) 2-Methylphenol	6.97	107	273166	28.603	ng		97
18) Hexachloroethane	7.21	117	125718	27.597	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	226815	27.200	ng		98
20) 3+4-Methylphenols	7.12	107	342061	28.425	ng		93
22) Acetophenone	7.11	105	448467	30.166	ng		97
24) Nitrobenzene	7.29	77	343256	29.950	ng		100
25) Isophorone	7.53	82	640901	30.111	ng		99
26) 2-Nitrophenol	7.60	139	172489	28.473	ng		92
27) 2,4-Dimethylphenol	7.65	122	303878	34.871	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	412946	30.808	ng		99
29) 2,4-Dichlorophenol	7.85	162	289716	30.679	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	307399	30.171	ng		98
31) Naphthalene	8.00	128	966726	30.347	ng		100
33) 4-Chloroaniline	8.06	127	270606	21.784	ng		99
34) Hexachlorobutadiene	8.13	225	180969	29.884	ng		98
35) Caprolactam	8.42	113	63778m	21.043	ng		
36) 4-Chloro-3-methylphenol	8.55	107	298483	31.424	ng		96
37) 2-Methylnaphthalene	8.70	142	661360	33.272	ng		99
38) 1-Methylnaphthalene	8.79	142	624087	32.642	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	303992	28.243	ng		99
41) Hexachlorocyclopentadiene	8.85	237	270449	59.362	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.98	196	205111	29.263	ng		97
44) 2,4,5-Trichlorophenol	9.03	196	214661	27.673	ng		98
46) 1,1'-Biphenyl	9.16	154	817470	29.190	ng		99
47) 2-Chloronaphthalene	9.19	162	622992	28.892	ng		98
48) 2-Nitroaniline	9.28	65	196179	28.992	ng		99
49) Acenaphthylene	9.60	152	1022106	29.316	ng		99
50) Dimethylphthalate	9.46	163	841494	33.864	ng		99
51) 2,6-Dinitrotoluene	9.52	165	166927	29.777	ng		99
52) Acenaphthene	9.77	154	580349	29.558	ng		100
53) 3-Nitroaniline	9.69	138	171841	27.182	ng		96
54) 2,4-Dinitrophenol	9.81	184	30770	11.036	ng		93
55) Dibenzofuran	9.94	168	892332	30.231	ng		98
56) 4-Nitrophenol	9.87	139	225701	50.076	ng		94
57) 2,4-Dinitrotoluene	9.93	165	218796	30.690	ng		98
58) Fluorene	10.28	166	688196	30.013	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	184902	28.188	ng		99
60) Diethylphthalate	10.16	149	767009	31.464	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	349010	31.229	ng		92
62) 4-Nitroaniline	10.30	138	194267	29.846	ng		98
63) Azobenzene	10.43	77	705177	30.731	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	56451	14.799	ng		92
66) n-Nitrosodiphenylamine	10.39	169	632549	29.563	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	231539	30.465	ng		98
68) Hexachlorobenzene	10.83	284	263989	29.925	ng		99
69) Atrazine	10.92	200	217447	32.197	ng		97
70) Pentachlorophenol	11.03	266	157217	34.206	ng		98
71) Phenanthrene	11.24	178	1044104	30.152	ng		99
72) Anthracene	11.29	178	1101509	31.317	ng		100
73) Carbazole	11.45	167	1047696	31.216	ng		99
74) Di-n-butylphthalate	11.77	149	1299217	33.381	ng		100
75) Fluoranthene	12.42	202	1183964	30.244	ng		99
77) Benzidine	12.55	184	11579m	0.503	ng		
78) Pyrene	12.65	202	1224041	29.405	ng		100
80) Butylbenzylphthalate	13.26	149	584446	31.858	ng		99
81) Benzo(a)anthracene	13.83	228	988475	28.747	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	372986	27.039	ng		100
83) Chrysene	13.87	228	1036009	29.663	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	765313	34.030	ng	#	97
85) Di-n-octyl phthalate	14.43	149	1387005	36.333	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	953017	31.794	ng		98
88) Benzo(b)fluoranthene	14.84	252	1059638	30.361	ng		99
89) Benzo(k)fluoranthene	14.87	252	899250	29.340	ng		98
90) Benzo(a)pyrene	15.19	252	928505	30.009	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	813179	30.395	ng		100
92) Benzo(g,h,i)perylene	17.00	276	797068	29.548	ng		99

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

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