Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112121.D
Acq On : 18 Jan 2019 12:25
Operator : JU/SJ
Sample : K1157-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Manual Integrations APPROVED
Sohil
1/21/2019 12:00:39 PM

Quant Time: Jan 18 14:26:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	302647	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1165919	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	566793	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	937729	20.00	ng		0.00
76) Chrysene-d12	14.02	240	605736	20.00	ng		-0.01
87) Perylene-d12	15.50	264	665207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1603284	96.15	ng		0.00
7) Phenol-d6	6.50	99	2008041	96.25	ng		0.00
23) Nitrobenzene-d5	7.42	82	1266935	75.07	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	545461	89.21	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2326609	60.18	ng		0.00
79) Terphenyl-d14	12.96	244	1784020	62.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	215348	27.537	ng		97
3) Pyridine	3.44	79	567368	28.967	ng		99
4) n-Nitrosodimethylamine	3.38	42	276806	34.807	ng		99
6) Aniline	6.52	93	293907	11.583	ng	#	1
8) 2-Chlorophenol	6.65	128	663263	34.249	ng		98
9) Benzaldehyde	6.40	77	166641	11.150	ng		97
10) Phenol	6.52	94	785768	34.463	ng		81
11) bis(2-Chloroethyl)ether	6.59	93	596001	32.876	ng		97
12) 1,3-Dichlorobenzene	6.80	146	716087	32.401	ng		99
13) 1,4-Dichlorobenzene	6.87	146	726161	32.122	ng		100
14) 1,2-Dichlorobenzene	7.03	146	685515	32.920	ng		97
15) Benzyl Alcohol	7.00	79	538412	34.640	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	825061	31.559	ng		96
17) 2-Methylphenol	7.12	107	513456	35.305	ng		95
18) Hexachloroethane	7.37	117	250847	33.246	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	438869	34.531	ng		97
20) 3+4-Methylphenols	7.27	107	662397	37.564	ng	#	65
22) Acetophenone	7.26	105	847811	31.387	ng		97
24) Nitrobenzene	7.44	77	659789	36.891	ng		95
25) Isophorone	7.67	82	1178970	36.169	ng		99
26) 2-Nitrophenol	7.76	139	348933	39.170	ng		98
27) 2,4-Dimethylphenol	7.80	122	569999	37.673	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	755073	33.770	ng		99
29) 2,4-Dichlorophenol	8.00	162	567996	34.365	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	626337	32.653	ng		97
31) Naphthalene	8.16	128	1846048	34.812	ng		99
32) Benzoic acid	7.91	122	183601	31.845	ng		97
33) 4-Chloroaniline	8.21	127	192433	8.074	ng		98
34) Hexachlorobutadiene	8.28	225	326322	30.570	ng		99
35) Caprolactam	8.57	113	171854m	29.707	ng		
36) 4-Chloro-3-methylphenol	8.70	107	544298	33.717	ng		97
37) 2-Methylnaphthalene	8.85	142	1297588	36.034	ng		99
38) 1-Methylnaphthalene	8.95	142	1217833	35.190	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	599422	32.934	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	261406	40.274 ng	96
43) 2,4,6-Trichlorophenol	9.14	196	401210	36.849 ng	100
44) 2,4,5-Trichlorophenol	9.18	196	411428	35.479 ng	97
46) 1,1'-Biphenyl	9.32	154	1557874	32.871 ng	100
47) 2-Chloronaphthalene	9.35	162	1203347	32.437 ng	100
48) 2-Nitroaniline	9.43	65	323066	38.662 ng	88
49) Acenaphthylene	9.76	152	1875163	34.638 ng	100
50) Dimethylphthalate	9.62	163	1639957	39.675 ng	100
51) 2,6-Dinitrotoluene	9.68	165	318059	38.530 ng	95
52) Acenaphthene	9.93	154	1090093	32.910 ng	99
53) 3-Nitroaniline	9.85	138	174220	18.873 ng	94
54) 2,4-Dinitrophenol	9.96	184	100497	49.758 ng	97
55) Dibenzofuran	10.10	168	1631031	32.561 ng	100
56) 4-Nitrophenol	10.03	139	359637	56.312 ng	96
57) 2,4-Dinitrotoluene	10.09	165	393211	38.147 ng	98
58) Fluorene	10.45	166	1247979	33.346 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	311869	35.640 ng	98
60) Diethylphthalate	10.32	149	1389456	34.436 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	628754	31.134 ng	98
62) 4-Nitroaniline	10.46	138	257545	28.097 ng	98
63) Azobenzene	10.59	77	1188035	30.747 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	104959	31.276 ng	91
66) n-Nitrosodiphenylamine	10.55	169	1137133	36.681 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	377410	34.650 ng	98
68) Hexachlorobenzene	11.00	284	386583	32.948 ng	100
69) Atrazine	11.08	200	350156	35.003 ng	99
70) Pentachlorophenol	11.19	266	288708	53.377 ng	99
71) Phenanthrene	11.41	178	1690414	35.820 ng	99
72) Anthracene	11.46	178	1677076	35.081 ng	99
73) Carbazole	11.61	167	1372969	28.670 ng	99
74) Di-n-butylphthalate	11.94	149	1890118	35.087 ng	99
75) Fluoranthene	12.60	202	1510809	30.321 ng	98
77) Benzidine	12.71	184	209213	10.352 ng	97
78) Pyrene	12.83	202	1467680	36.725 ng	99
80) Butylbenzylphthalate	13.43	149	617427	35.217 ng	93
81) Benzo(a)anthracene	14.02	228	1233848	35.526 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	316620	24.343 ng	98
83) Chrysene	14.05	228	1157147	35.211 ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	920281	36.625 ng	99
85) Di-n-octyl phthalate	14.60	149	1421293	36.712 ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1199004	39.546 ng	99
88) Benzo(b)fluoranthene	15.07	252	1317122	34.882 ng	100
89) Benzo(k)fluoranthene	15.10	252	1207874	33.050 ng	98
90) Benzo(a)pyrene	15.43	252	1228964	35.490 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1002382	32.591 ng	100
92) Benzo(g,h,i)perylene	17.42	276	930935	30.724 ng	99

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

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