Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118600.D
Acq On : 20 Jan 2020 19:28
Operator : CG/JU
Sample : L1181-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93OAK-AVE-COMPMSD

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:13 PM

Quant Time: Jan 21 02:45:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	499081	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1874129	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	1036873	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1794958	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1078067	20.00	ng		0.00
87) Perylene-d12	15.51	264	1110727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3780065	140.67	ng		0.02
7) Phenol-d6	6.52	99	5166443	147.92	ng		0.00
23) Nitrobenzene-d5	7.45	82	3311231	98.82	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1695196	141.35	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	5355173	84.89	ng		0.00
79) Terphenyl-d14	12.99	244	5577023	112.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	513260	39.435	ng		99
3) Pyridine	3.51	79	1323743	36.085	ng		99
4) n-Nitrosodimethylamine	3.45	42	682603	43.402	ng		95
6) Aniline	6.55	93	1091768	23.739	ng		99
8) 2-Chlorophenol	6.67	128	1423657	47.200	ng		97
9) Benzaldehyde	6.43	77	766669	36.094	ng		96
10) Phenol	6.53	94	1854092	46.582	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	1352553	45.801	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1533505	43.438	ng		97
13) 1,4-Dichlorobenzene	6.90	146	1564886	44.158	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1476785	44.330	ng		98
15) Benzyl Alcohol	7.02	79	1323960	47.800	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1791453	43.552	ng		100
17) 2-Methylphenol	7.13	107	1203501	47.903	ng		99
18) Hexachloroethane	7.40	117	563706	43.868	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	1087016	46.093	ng		99
20) 3+4-Methylphenols	7.28	107	1474199	48.060	ng		88
22) Acetophenone	7.29	105	1918184	43.206	ng	#	98
24) Nitrobenzene	7.46	77	1559396	45.453	ng		97
25) Isophorone	7.70	82	2811788	46.009	ng		98
26) 2-Nitrophenol	7.77	139	763240	52.168	ng		96
27) 2,4-Dimethylphenol	7.82	122	1385875	54.856	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	1727380	43.867	ng		99
29) 2,4-Dichlorophenol	8.02	162	1302002	46.620	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	1401982	43.295	ng		99
31) Naphthalene	8.19	128	3876150	45.784	ng		98
32) Benzoic acid	7.93	122	776609	40.959	ng		97
33) 4-Chloroaniline	8.23	127	336470	8.599	ng		98
34) Hexachlorobutadiene	8.31	225	833171	42.250	ng		99
35) Caprolactam	8.60	113	404449m	44.253	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1281674	46.473	ng		99
37) 2-Methylnaphthalene	8.88	142	2827055	47.308	ng		99
38) 1-Methylnaphthalene	8.98	142	2632869	46.375	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1407382	43.380	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1562752	95.473	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	1003228	46.600	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	1038353	47.225	ng		98
46) 1,1'-Biphenyl	9.35	154	3261579	45.641	ng		99
47) 2-Chloronaphthalene	9.37	162	2669508	44.320	ng		99
48) 2-Nitroaniline	9.46	65	804700	43.461	ng		97
49) Acenaphthylene	9.79	152	3909878	46.142	ng		98
50) Dimethylphthalate	9.65	163	3398569	50.309	ng		99
51) 2,6-Dinitrotoluene	9.70	165	724185	47.873	ng		98
52) Acenaphthene	9.96	154	2691664	47.505	ng		99
53) 3-Nitroaniline	9.86	138	337456	19.536	ng		99
54) 2,4-Dinitrophenol	9.97	184	502219	83.161	ng	#	50
55) Dibenzofuran	10.13	168	3612986	46.013	ng		98
56) 4-Nitrophenol	10.03	139	1157327	88.755	ng		94
57) 2,4-Dinitrotoluene	10.10	165	932286	48.888	ng		95
58) Fluorene	10.47	166	2777993	45.066	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	879573	45.482	ng		99
60) Diethylphthalate	10.35	149	2937032	44.841	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	1505459	44.904	ng		100
62) 4-Nitroaniline	10.49	138	676332	38.172	ng		98
63) Azobenzene	10.62	77	2902454	45.756	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	398863	50.535	ng		98
66) n-Nitrosodiphenylamine	10.58	169	2633128	48.643	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	1034892	46.667	ng		94
68) Hexachlorobenzene	11.02	284	1143520	45.483	ng		96
69) Atrazine	11.10	200	913669	48.697	ng		99
70) Pentachlorophenol	11.21	266	1172724	83.895	ng		98
71) Phenanthrene	11.43	178	3875546	44.754	ng		98
72) Anthracene	11.49	178	3959730	46.212	ng		99
73) Carbazole	11.63	167	3451792	43.919	ng		99
74) Di-n-butylphthalate	11.97	149	4086643	46.800	ng		97
75) Fluoranthene	12.62	202	3919321	42.912	ng		99
77) Benzidine	12.73	184	1376865	47.799	ng		98
78) Pyrene	12.84	202	3925189	53.629	ng		100
80) Butylbenzylphthalate	13.46	149	1624542	54.234	ng		96
81) Benzo(a)anthracene	14.03	228	3029137	46.709	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	554535	23.997	ng		97
83) Chrysene	14.07	228	2907857	46.785	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2122004	57.985	ng		99
85) Di-n-octyl phthalate	14.64	149	3128058	57.747	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3542043	65.587	ng		100
88) Benzo(b)fluoranthene	15.08	252	2956365	42.344	ng		99
89) Benzo(k)fluoranthene	15.12	252	2679068	41.419	ng		99
90) Benzo(a)pyrene	15.45	252	2619869	43.500	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2940484	55.195	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2955093	57.130	ng		98

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

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