Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118203.D
Acq On : 16 Dec 2019 18:22
Operator : JU
Sample : K6110-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219MSD

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:26 PM

Quant Time: Dec 17 03:35:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90552	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	354171	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	189277	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	368852	20.00	ng		0.00
76) Chrysene-d12	14.06	240	281680	20.00	ng		0.00
87) Perylene-d12	15.55	264	277453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	732273	141.64	ng		0.00
7) Phenol-d6	6.50	99	858865	137.34	ng		0.00
23) Nitrobenzene-d5	7.43	82	610222	96.93	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	374303	162.79	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1276448	102.62	ng		0.00
79) Terphenyl-d14	13.00	244	1725281	105.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	83629	38.362	ng		97
3) Pyridine	3.44	79	147897	26.296	ng		96
4) n-Nitrosodimethylamine	3.36	42	113860	47.059	ng		95
6) Aniline	6.53	93	124455	15.559	ng		91
8) 2-Chlorophenol	6.65	128	302748	51.932	ng		97
9) Benzaldehyde	6.42	77	68844	16.715	ng		98
10) Phenol	6.51	94	303846	42.606	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	260893	50.582	ng		97
12) 1,3-Dichlorobenzene	6.80	146	326087	47.883	ng		99
13) 1,4-Dichlorobenzene	6.88	146	328388	47.887	ng		99
14) 1,2-Dichlorobenzene	7.03	146	315181	48.942	ng		97
15) Benzyl Alcohol	7.01	79	255109	52.262	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	301269	48.580	ng		96
17) 2-Methylphenol	7.12	107	234682	50.614	ng		99
18) Hexachloroethane	7.37	117	119983	47.484	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	198702	52.292	ng		97
20) 3+4-Methylphenols	7.27	107	297464	51.075	ng	#	86
22) Acetophenone	7.27	105	423624	49.786	ng		96
24) Nitrobenzene	7.45	77	301818	48.796	ng		97
25) Isophorone	7.69	82	545709	51.134	ng		98
26) 2-Nitrophenol	7.77	139	165614	50.096	ng		98
27) 2,4-Dimethylphenol	7.80	122	264752	60.038	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	337804	48.441	ng		99
29) 2,4-Dichlorophenol	8.01	162	261173	50.804	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	282498	47.022	ng		99
31) Naphthalene	8.17	128	891839	50.139	ng		99
32) Benzoic acid	7.93	122	158825	39.890	ng		97
33) 4-Chloroaniline	8.22	127	54548	7.102	ng		99
34) Hexachlorobutadiene	8.29	225	167597	46.521	ng		99
35) Caprolactam	8.59	113	62137m	39.194	ng		
36) 4-Chloro-3-methylphenol	8.71	107	275441	50.914	ng		99
37) 2-Methylnaphthalene	8.87	142	619855	51.474	ng		99
38) 1-Methylnaphthalene	8.97	142	576112	50.953	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	281137	49.031	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	268347	104.454	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	193191	50.462	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	206039	51.946	ng		99
46) 1,1'-Biphenyl	9.33	154	753513	50.476	ng		99
47) 2-Chloronaphthalene	9.36	162	584879	48.706	ng		97
48) 2-Nitroaniline	9.46	65	163240	47.669	ng		96
49) Acenaphthylene	9.77	152	941365	53.150	ng		100
50) Dimethylphthalate	9.63	163	767080	54.867	ng		98
51) 2,6-Dinitrotoluene	9.70	165	159129	52.344	ng		99
52) Acenaphthene	9.95	154	543009	50.230	ng		98
53) 3-Nitroaniline	9.87	138	52429	14.655	ng		98
54) 2,4-Dinitrophenol	9.98	184	157859	104.372	ng		98
55) Dibenzofuran	10.12	168	832903	52.581	ng		99
56) 4-Nitrophenol	10.04	139	229821	92.563	ng		99
57) 2,4-Dinitrotoluene	10.11	165	217289	53.551	ng		92
58) Fluorene	10.47	166	665931	52.901	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	177063	54.109	ng		99
60) Diethylphthalate	10.33	149	713085	51.768	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	327370	51.686	ng		97
62) 4-Nitroaniline	10.49	138	175474	47.027	ng		98
63) Azobenzene	10.62	77	622980	52.979	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	112699	55.326	ng		87
66) n-Nitrosodiphenylamine	10.57	169	593884	51.559	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	206983	49.159	ng	#	88
68) Hexachlorobenzene	11.02	284	237907	48.005	ng		99
69) Atrazine	11.10	200	178898	81.234	ng		97
70) Pentachlorophenol	11.22	266	264595	113.530	ng		99
71) Phenanthrene	11.43	178	1011303	51.577	ng		100
72) Anthracene	11.49	178	1048457	53.602	ng		100
73) Carbazole	11.64	167	938052	53.451	ng		100
74) Di-n-butylphthalate	11.97	149	1166659	53.117	ng		99
75) Fluoranthene	12.63	202	1071258	53.437	ng		99
77) Benzidine	12.75	184	374007	50.437	ng		98
78) Pyrene	12.86	202	1092129	49.200	ng		99
80) Butylbenzylphthalate	13.47	149	519061	51.633	ng		94
81) Benzo(a)anthracene	14.05	228	983076	50.473	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	149174	23.320	ng		98
83) Chrysene	14.09	228	959651	51.580	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	736301	55.545	ng	#	97
85) Di-n-octyl phthalate	14.64	149	1188257	59.175	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	932464	59.565	ng		100
88) Benzo(b)fluoranthene	15.12	252	900256	49.061	ng		99
89) Benzo(k)fluoranthene	15.14	252	889036m	50.433	ng		
90) Benzo(a)pyrene	15.49	252	853314	52.653	ng		98
91) Dibenzo(a,h)anthracene	17.08	278	785219	56.489	ng		99
92) Benzo(g,h,i)perylene	17.52	276	780628	58.442	ng		99

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

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