Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118072.D
Acq On : 3 Dec 2019 19:52
Operator : JU
Sample : K6090-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-20-SMSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:43 PM

Quant Time: Dec 04 08:23:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141714	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	562174	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	302373	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	591258	20.00	ng		0.00
76) Chrysene-d12	14.07	240	402879	20.00	ng		0.00
87) Perylene-d12	15.57	264	372324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	843464	105.35	ng		0.01
7) Phenol-d6	6.51	99	1075530	111.38	ng		0.00
23) Nitrobenzene-d5	7.45	82	661783	69.98	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	390672	122.04	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1343514	79.71	ng		0.00
79) Terphenyl-d14	13.01	244	1667988	75.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	133855	35.768	ng		99
3) Pyridine	3.45	79	329278	33.543	ng		99
4) n-Nitrosodimethylamine	3.40	42	169286	39.505	ng		98
6) Aniline	6.54	93	311290	24.395	ng		97
8) 2-Chlorophenol	6.66	128	430776	49.588	ng		99
9) Benzaldehyde	6.42	77	151484	20.641	ng		96
10) Phenol	6.52	94	509432	50.768	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	368453	45.725	ng		97
12) 1,3-Dichlorobenzene	6.82	146	456051	44.591	ng		98
13) 1,4-Dichlorobenzene	6.89	146	473408	45.794	ng		99
14) 1,2-Dichlorobenzene	7.05	146	442092	44.714	ng		99
15) Benzyl Alcohol	7.02	79	363397	48.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	441223	35.564	ng		99
17) 2-Methylphenol	7.13	107	342965	46.619	ng		97
18) Hexachloroethane	7.39	117	170233	44.826	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	274914	46.148	ng		95
20) 3+4-Methylphenols	7.28	107	426645	46.719	ng		93
22) Acetophenone	7.29	105	567244	44.911	ng	#	93
24) Nitrobenzene	7.46	77	426654	43.732	ng		94
25) Isophorone	7.70	82	762961	44.018	ng		98
26) 2-Nitrophenol	7.78	139	234522	49.388	ng		97
27) 2,4-Dimethylphenol	7.82	122	372887	50.536	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	476585	43.329	ng		98
29) 2,4-Dichlorophenol	8.02	162	366015	45.730	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	404407	43.560	ng		98
31) Naphthalene	8.19	128	1244896	47.501	ng		99
32) Benzoic acid	7.95	122	259653	42.027	ng		99
33) 4-Chloroaniline	8.23	127	129462	11.034	ng		97
34) Hexachlorobutadiene	8.30	225	235004	43.295	ng		97
35) Caprolactam	8.61	113	115953m	45.584	ng		
36) 4-Chloro-3-methylphenol	8.72	107	392246	48.290	ng		97
37) 2-Methylnaphthalene	8.88	142	857252	48.411	ng		100
38) 1-Methylnaphthalene	8.98	142	791628	47.287	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	385157	43.861	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	417867	84.915	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	273808	43.533	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	292941	44.858	ng	96
46) 1,1'-Biphenyl	9.35	154	1058936	47.204	ng	99
47) 2-Chloronaphthalene	9.37	162	808745	43.823	ng	98
48) 2-Nitroaniline	9.47	65	229274	41.151	ng	99
49) Acenaphthylene	9.79	152	1292687	48.044	ng	99
50) Dimethylphthalate	9.65	163	1148759	54.177	ng	100
51) 2,6-Dinitrotoluene	9.71	165	223948	48.326	ng	99
52) Acenaphthene	9.96	154	757447	43.946	ng	99
53) 3-Nitroaniline	9.88	138	125052	22.552	ng	92
54) 2,4-Dinitrophenol	9.99	184	216854	90.073	ng	94
55) Dibenzofuran	10.14	168	1145671	48.001	ng	99
56) 4-Nitrophenol	10.05	139	365436	88.290	ng	93
57) 2,4-Dinitrotoluene	10.12	165	296750	50.340	ng	92
58) Fluorene	10.48	166	896268	48.458	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	245264	45.710	ng	99
60) Diethylphthalate	10.35	149	989010	47.842	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	444529	47.359	ng	99
62) 4-Nitroaniline	10.50	138	244784	44.089	ng	99
63) Azobenzene	10.63	77	859288	45.690	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	152493	55.247	ng	96
66) n-Nitrosodiphenylamine	10.59	169	819960	47.652	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	288485	45.220	ng	99
68) Hexachlorobenzene	11.03	284	327926	44.082	ng	96
69) Atrazine	11.12	200	252763	44.655	ng	99
70) Pentachlorophenol	11.23	266	362929	83.508	ng	99
71) Phenanthrene	11.45	178	1367304	45.996	ng	99
72) Anthracene	11.50	178	1414823	48.004	ng	99
73) Carbazole	11.66	167	1245117	48.344	ng	99
74) Di-n-butylphthalate	11.98	149	1581016	49.303	ng	100
75) Fluoranthene	12.64	202	1451903	55.369	ng	98
77) Benzidine	12.76	184	386491	29.287	ng	99
78) Pyrene	12.87	202	1451535	44.582	ng	99
80) Butylbenzylphthalate	13.49	149	688923	49.265	ng	100
81) Benzo(a)anthracene	14.06	228	1207190	45.344	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	257208	27.620	ng	99
83) Chrysene	14.10	228	1157373	44.864	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	968029	57.099	ng	98
85) Di-n-octyl phthalate	14.66	149	1523231	61.158	ng	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1132602	51.585	ng	100
88) Benzo(b)fluoranthene	15.13	252	1123492	46.444	ng	99
89) Benzo(k)fluoranthene	15.16	252	955696	41.930	ng	98
90) Benzo(a)pyrene	15.51	252	983522	46.237	ng	99
91) Dibenzo(a,h)anthracene	17.10	278	943965	51.558	ng	99
92) Benzo(g,h,i)perylene	17.55	276	956753	52.465	ng	99

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

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