Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118132.D
Acq On : 7 Dec 2019 16:39
Operator : JU
Sample : K6141-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CMJ-01-COMPMSD

Manual Integrations APPROVED
mohammad
12/10/2019 11:47:35 AM

Quant Time: Dec 09 06:59:01 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	127315	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	505075	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	273135	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	531018	20.00	ng		0.00
76) Chrysene-d12	14.06	240	343067	20.00	ng		0.00
87) Perylene-d12	15.54	264	322234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	773251	106.38	ng		0.00
7) Phenol-d6	6.50	99	980768	111.55	ng		0.00
23) Nitrobenzene-d5	7.43	82	584428	65.10	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	350412	105.61	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1136066	63.29	ng		0.00
79) Terphenyl-d14	13.00	244	1470129	73.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	115041	37.534	ng		98
3) Pyridine	3.42	79	291724	36.891	ng		99
4) n-Nitrosodimethylamine	3.37	42	148386	43.619	ng		99
6) Aniline	6.53	93	286283	25.455	ng		100
8) 2-Chlorophenol	6.65	128	377545	46.062	ng		95
9) Benzaldehyde	6.42	77	128679	24.637	ng		98
10) Phenol	6.52	94	467153	46.590	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	320099	44.140	ng		94
12) 1,3-Dichlorobenzene	6.81	146	405473	42.347	ng		97
13) 1,4-Dichlorobenzene	6.89	146	408950	42.415	ng		99
14) 1,2-Dichlorobenzene	7.04	146	390072	43.081	ng		99
15) Benzyl Alcohol	7.01	79	315947	46.035	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	370873	42.535	ng		99
17) 2-Methylphenol	7.12	107	296043	45.412	ng		99
18) Hexachloroethane	7.38	117	148668	41.847	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	238316	44.607	ng		98
20) 3+4-Methylphenols	7.27	107	380951	46.523	ng		91
22) Acetophenone	7.28	105	505959	41.697	ng	#	93
24) Nitrobenzene	7.45	77	371349	42.100	ng		99
25) Isophorone	7.69	82	663558	43.599	ng		99
26) 2-Nitrophenol	7.77	139	212994	45.178	ng		95
27) 2,4-Dimethylphenol	7.80	122	320203	50.917	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	415456	41.776	ng		99
29) 2,4-Dichlorophenol	8.01	162	325745	44.433	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	350722	40.936	ng		100
31) Naphthalene	8.17	128	1101977	43.443	ng		99
32) Benzoic acid	7.93	122	212397	37.406	ng		97
33) 4-Chloroaniline	8.22	127	107100	9.778	ng		97
34) Hexachlorobutadiene	8.29	225	205317	39.964	ng		99
35) Caprolactam	8.60	113	103119m	45.611	ng		
36) 4-Chloro-3-methylphenol	8.71	107	351571	45.570	ng		99
37) 2-Methylnaphthalene	8.87	142	755715	44.006	ng		99
38) 1-Methylnaphthalene	8.97	142	705517	43.755	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	339554	41.037	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	362629	97.816	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	238620	43.193	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	257994	45.075	ng		96
46) 1,1'-Biphenyl	9.33	154	918868	42.655	ng		99
47) 2-Chloronaphthalene	9.36	162	722242	41.680	ng		98
48) 2-Nitroaniline	9.46	65	205643	41.615	ng		98
49) Acenaphthylene	9.78	152	1158819	45.340	ng		100
50) Dimethylphthalate	9.64	163	978128	48.482	ng		99
51) 2,6-Dinitrotoluene	9.70	165	198195	45.179	ng		94
52) Acenaphthene	9.95	154	669980	42.948	ng		100
53) 3-Nitroaniline	9.87	138	112585	21.807	ng		98
54) 2,4-Dinitrophenol	9.98	184	135186	61.939	ng		90
55) Dibenzofuran	10.12	168	1018670	44.565	ng		100
56) 4-Nitrophenol	10.04	139	314336	87.733	ng		98
57) 2,4-Dinitrotoluene	10.11	165	270273	46.158	ng		91
58) Fluorene	10.47	166	804379	44.281	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	218602	46.293	ng		100
60) Diethylphthalate	10.34	149	875147	44.027	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	391979	42.886	ng		97
62) 4-Nitroaniline	10.49	138	220333	40.920	ng		98
63) Azobenzene	10.62	77	762829	44.955	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	115479	39.378	ng		85
66) n-Nitrosodiphenylamine	10.58	169	725750	43.765	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	255844	42.207	ng		95
68) Hexachlorobenzene	11.02	284	291462	40.851	ng	#	90
69) Atrazine	11.11	200	226083	55.837	ng		98
70) Pentachlorophenol	11.22	266	289380	86.247	ng		98
71) Phenanthrene	11.43	178	1232031	43.645	ng		99
72) Anthracene	11.49	178	1271223	45.143	ng		99
73) Carbazole	11.64	167	1125376	44.542	ng		100
74) Di-n-butylphthalate	11.97	149	1412396	44.668	ng		99
75) Fluoranthene	12.63	202	1283854	44.484	ng		98
77) Benzidine	12.75	184	411890	45.607	ng		98
78) Pyrene	12.86	202	1293248	47.836	ng		99
80) Butylbenzylphthalate	13.47	149	586582	47.909	ng		95
81) Benzo(a)anthracene	14.05	228	999012	42.113	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	154490	19.830	ng		99
83) Chrysene	14.09	228	960277	42.378	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	825658	51.141	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1238931	50.659	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	970982	50.927	ng		100
88) Benzo(b)fluoranthene	15.11	252	913715	42.874	ng		99
89) Benzo(k)fluoranthene	15.14	252	822854	40.192	ng		99
90) Benzo(a)pyrene	15.49	252	831318	44.167	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	813090	50.365	ng		100
92) Benzo(g,h,i)perylene	17.52	276	820490	52.890	ng		99

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

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