Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112200.D
Acq On : 23 Jan 2019 14:29
Operator : JU/SJ
Sample : K1220-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1MS

Manual Integrations APPROVED
Sohil
1/24/2019 11:30:22 AM

Quant Time: Jan 23 15:34:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197643	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	765843	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	389334	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	790829	20.00	ng		0.00
76) Chrysene-d12	14.02	240	642232	20.00	ng		0.00
87) Perylene-d12	15.49	264	538415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1470803	135.07	ng		0.00
7) Phenol-d6	6.50	99	1849993	135.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	1199245	108.19	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	652589	155.38	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2397440	90.28	ng		0.00
79) Terphenyl-d14	12.96	244	2814266	93.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	163600	32.034	ng		96
3) Pyridine	3.39	79	351492	27.480	ng		99
4) n-Nitrosodimethylamine	3.33	42	220427	42.443	ng		98
6) Aniline	6.52	93	523259	31.578	ng	#	26
8) 2-Chlorophenol	6.65	128	558279	44.144	ng		96
9) Benzaldehyde	6.40	77	118218	12.294	ng		99
10) Phenol	6.52	94	642873	43.176	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	494166	41.741	ng		99
12) 1,3-Dichlorobenzene	6.80	146	590296	40.900	ng		98
13) 1,4-Dichlorobenzene	6.87	146	606102	41.055	ng		98
14) 1,2-Dichlorobenzene	7.03	146	569838	41.904	ng		99
15) Benzyl Alcohol	7.00	79	465909	45.901	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	621838	36.423	ng		84
17) 2-Methylphenol	7.12	107	440981	46.431	ng		95
18) Hexachloroethane	7.36	117	214916	43.617	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	370372	44.624	ng		94
20) 3+4-Methylphenols	7.27	107	561448	48.755	ng	#	76
22) Acetophenone	7.26	105	735549	41.457	ng	#	98
24) Nitrobenzene	7.43	77	555747	47.306	ng		98
25) Isophorone	7.67	82	1004583	46.919	ng		97
26) 2-Nitrophenol	7.75	139	305457	50.312	ng		96
27) 2,4-Dimethylphenol	7.79	122	483938	48.693	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	635439	43.266	ng		100
29) 2,4-Dichlorophenol	8.00	162	492225	45.338	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	523716	41.566	ng		98
31) Naphthalene	8.16	128	1599933	45.932	ng		99
32) Benzoic acid	7.90	122	103004	28.677	ng		95
33) 4-Chloroaniline	8.20	127	360962	23.058	ng		98
34) Hexachlorobutadiene	8.27	225	290094	41.373	ng		99
35) Caprolactam	8.57	113	155745m	40.987	ng		
36) 4-Chloro-3-methylphenol	8.70	107	507604	47.870	ng		96
37) 2-Methylnaphthalene	8.85	142	1148286	48.547	ng		98
38) 1-Methylnaphthalene	8.95	142	1070131	47.076	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	527510	42.194	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	406334	81.212	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	353459	47.260	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	371655	46.658	ng		99
46) 1,1'-Biphenyl	9.32	154	1401133	43.039	ng		98
47) 2-Chloronaphthalene	9.34	162	1084178	42.545	ng		96
48) 2-Nitroaniline	9.43	65	306134	53.335	ng		95
49) Acenaphthylene	9.76	152	1739577	46.779	ng		99
50) Dimethylphthalate	9.61	163	1484491	52.283	ng		100
51) 2,6-Dinitrotoluene	9.67	165	299853	52.881	ng	#	88
52) Acenaphthene	9.93	154	990939	43.553	ng		99
53) 3-Nitroaniline	9.85	138	239764	37.813	ng		94
54) 2,4-Dinitrophenol	9.96	184	202487	96.575	ng		95
55) Dibenzofuran	10.10	168	1537473	44.684	ng		96
56) 4-Nitrophenol	10.03	139	403816	88.461	ng		97
57) 2,4-Dinitrotoluene	10.09	165	401321	54.454	ng		98
58) Fluorene	10.44	166	1219935	47.454	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	309430	51.478	ng		95
60) Diethylphthalate	10.31	149	1338407	48.290	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	600855	43.313	ng		93
62) 4-Nitroaniline	10.46	138	327139	51.957	ng		97
63) Azobenzene	10.59	77	1145070	43.142	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	171658	51.195	ng		96
66) n-Nitrosodiphenylamine	10.55	169	1111591	42.518	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	386115	42.034	ng		94
68) Hexachlorobenzene	11.00	284	413675	41.806	ng		95
69) Atrazine	11.07	200	377494	44.746	ng		99
70) Pentachlorophenol	11.19	266	346641	73.405	ng		99
71) Phenanthrene	11.40	178	1835223	46.112	ng		99
72) Anthracene	11.46	178	1874938	46.505	ng		100
73) Carbazole	11.61	167	1699766	42.087	ng		98
74) Di-n-butylphthalate	11.93	149	2146770	47.255	ng		100
75) Fluoranthene	12.59	202	1936220	46.077	ng		98
77) Benzidine	12.70	184	326894	15.255	ng		96
78) Pyrene	12.82	202	1950584	46.035	ng		100
80) Butylbenzylphthalate	13.43	149	945284	50.853	ng		98
81) Benzo(a)anthracene	14.02	228	1722331	46.772	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	444334	32.220	ng		99
83) Chrysene	14.05	228	1575250	45.209	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1339445	50.278	ng		100
85) Di-n-octyl phthalate	14.60	149	2058563	50.151	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1568992	48.808	ng		98
88) Benzo(b)fluoranthene	15.07	252	1518478	49.684	ng		97
89) Benzo(k)fluoranthene	15.10	252	1370687	46.337	ng		98
90) Benzo(a)pyrene	15.43	252	1370191	48.886	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1286258	51.670	ng		100
92) Benzo(g,h,i)perylene	17.43	276	1304440	53.189	ng		99

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

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