Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115437.D
Acq On : 9 Jul 2019 16:43
Operator : HP/JU
Sample : K3687-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MS

Manual Integrations APPROVED
mohammad
7/10/2019 6:16:48 PM

Quant Time: Jul 10 07:28:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	161499	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	648267	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	330144	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	664843	20.00	ng		0.00
76) Chrysene-d12	14.21	240	423879	20.00	ng		0.00
87) Perylene-d12	15.86	264	402109	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1150637	110.08	ng		0.00
7) Phenol-d6	6.53	99	1540700	115.90	ng		0.00
23) Nitrobenzene-d5	7.46	82	972360	88.62	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	465794	127.60	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1646893	87.53	ng		0.00
79) Terphenyl-d14	13.04	244	1921771	92.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	144006	28.087	ng		99
3) Pyridine	3.50	79	379920	26.798	ng		98
4) n-Nitrosodimethylamine	3.43	42	169087	29.411	ng		99
6) Aniline	6.56	93	390673	20.825	ng		99
8) 2-Chlorophenol	6.69	128	403099	34.153	ng		98
9) Benzaldehyde	6.44	77	222003	26.832	ng		99
10) Phenol	6.54	94	514418	32.342	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	384647	32.598	ng		97
12) 1,3-Dichlorobenzene	6.84	146	421393	32.588	ng		98
13) 1,4-Dichlorobenzene	6.92	146	428150	33.055	ng		98
14) 1,2-Dichlorobenzene	7.07	146	399685	33.329	ng		98
15) Benzyl Alcohol	7.03	79	365769	34.288	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	515297	31.233	ng		99
17) 2-Methylphenol	7.15	107	342338	33.856	ng		99
18) Hexachloroethane	7.41	117	156322	32.397	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	287580	31.975	ng		95
20) 3+4-Methylphenols	7.29	107	427207	35.767	ng		98
22) Acetophenone	7.30	105	557467	35.887	ng	#	93
24) Nitrobenzene	7.47	77	436881	35.257	ng		99
25) Isophorone	7.72	82	810147	34.065	ng		98
26) 2-Nitrophenol	7.79	139	221305	43.441	ng		95
27) 2,4-Dimethylphenol	7.83	122	369118	37.998	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	497573	33.929	ng		99
29) 2,4-Dichlorophenol	8.03	162	357753	36.976	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	379843	35.265	ng		99
31) Naphthalene	8.20	128	1171314	36.377	ng		100
32) Benzoic acid	7.87	122	18971	8.385	ng		93
33) 4-Chloroaniline	8.24	127	227634	15.845	ng		99
34) Hexachlorobutadiene	8.32	225	209677	34.326	ng		98
35) Caprolactam	8.60	113	116934m	37.107	ng		
36) 4-Chloro-3-methylphenol	8.72	107	382578	37.383	ng		99
37) 2-Methylnaphthalene	8.89	142	791283	36.766	ng		99
38) 1-Methylnaphthalene	8.99	142	746051	36.331	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	351453	37.004	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	396505	72.028	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	263918	38.168	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	277224	38.665	ng		98
46) 1,1'-Biphenyl	9.35	154	977773	37.673	ng		99
47) 2-Chloronaphthalene	9.38	162	773795	36.073	ng		98
48) 2-Nitroaniline	9.47	65	244855	38.852	ng		91
49) Acenaphthylene	9.79	152	1201711	37.002	ng		99
50) Dimethylphthalate	9.65	163	1261026	50.890	ng		100
51) 2,6-Dinitrotoluene	9.71	165	211489	39.353	ng		92
52) Acenaphthene	9.97	154	763072	37.333	ng		99
53) 3-Nitroaniline	9.87	138	171998	27.556	ng		99
54) 2,4-Dinitrophenol	9.98	184	90671	44.047	ng	#	66
55) Dibenzofuran	10.14	168	1090098	37.860	ng		98
56) 4-Nitrophenol	10.03	139	384523	79.625	ng		89
57) 2,4-Dinitrotoluene	10.11	165	290179	42.487	ng		91
58) Fluorene	10.48	166	813882	35.858	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	232979	37.614	ng		99
60) Diethylphthalate	10.35	149	913212	37.441	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	413913	37.364	ng		96
62) 4-Nitroaniline	10.49	138	236786	38.648	ng		99
63) Azobenzene	10.63	77	913073	36.317	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	107495	36.086	ng		87
66) n-Nitrosodiphenylamine	10.59	169	762717	36.410	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	269413	36.114	ng		95
68) Hexachlorobenzene	11.03	284	296112	35.373	ng		97
69) Atrazine	11.12	200	256023	39.492	ng		98
70) Pentachlorophenol	11.22	266	304146	59.618	ng		100
71) Phenanthrene	11.44	178	1297582	37.110	ng		99
72) Anthracene	11.49	178	1328224	37.881	ng		100
73) Carbazole	11.64	167	1204995	37.566	ng		99
74) Di-n-butylphthalate	11.98	149	1465679	37.808	ng		99
75) Fluoranthene	12.64	202	1713398	46.540	ng		99
77) Benzidine	12.76	184	450822	27.274	ng		100
78) Pyrene	12.89	202	1713175	51.973	ng		99
80) Butylbenzylphthalate	13.56	149	637608	44.272	ng		99
81) Benzo(a)anthracene	14.20	228	1124680	41.410	ng		99
82) 3,3'-Dichlorobenzidine	14.15	252	269485	27.345	ng		99
83) Chrysene	14.24	228	1252331	44.877	ng		99
84) Bis(2-ethylhexyl)phthalate	14.20	149	808924	45.354	ng		98
85) Di-n-octyl phthalate	14.94	149	1393125	43.876	ng		99
86) Indeno(1,2,3-cd)pyrene	17.39	276	1070359	47.108	ng		99
88) Benzo(b)fluoranthene	15.42	252	1001223	38.243	ng		99
89) Benzo(k)fluoranthene	15.45	252	947546	40.696	ng		98
90) Benzo(a)pyrene	15.80	252	879185	38.934	ng		99
91) Dibenzo(a,h)anthracene	17.41	278	875429	45.368	ng		99
92) Benzo(g,h,i)perylene	17.84	276	906585	49.637	ng		99

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

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