Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116325.D
Acq On : 16 Aug 2019 18:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/20/2019 8:36:53 AM

Quant Time: Aug 19 05:30:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115284	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	468879	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	245797	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	416656	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	279342	20.00	ng		-0.03
87) Perylene-d12	15.44	264	260259	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	601261	87.31	ng		-0.03
7) Phenol-d6	6.46	99	721043	82.99	ng		-0.02
23) Nitrobenzene-d5	7.39	82	660958	81.37	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	194534	81.63	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1142119	87.03	ng		-0.04
79) Terphenyl-d14	12.92	244	1217795	91.86	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	140543	40.398	ng		100
3) Pyridine	3.30	79	357857	36.823	ng		99
4) n-Nitrosodimethylamine	3.26	42	139397	36.347	ng		99
6) Aniline	6.49	93	489948	39.375	ng		94
8) 2-Chlorophenol	6.61	128	331015	43.468	ng		99
9) Benzaldehyde	6.37	77	221236	36.904	ng		98
10) Phenol	6.47	94	424998	41.538	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	324816	43.180	ng		98
12) 1,3-Dichlorobenzene	6.76	146	367945	41.809	ng		99
13) 1,4-Dichlorobenzene	6.83	146	374362	42.484	ng		99
14) 1,2-Dichlorobenzene	6.99	146	346357	42.687	ng		99
15) Benzyl Alcohol	6.97	79	263645	39.984	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	430916	41.998	ng		86
17) 2-Methylphenol	7.08	107	265184	41.126	ng		98
18) Hexachloroethane	7.33	117	138449	42.674	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	225163	41.820	ng		98
20) 3+4-Methylphenols	7.23	107	336554	44.107	ng	#	88
22) Acetophenone	7.23	105	437010	42.498	ng	#	97
24) Nitrobenzene	7.40	77	366180	41.750	ng		99
25) Isophorone	7.64	82	646380	41.615	ng		98
26) 2-Nitrophenol	7.72	139	177604	42.958	ng		95
27) 2,4-Dimethylphenol	7.76	122	255855	41.133	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	412677	42.866	ng		100
29) 2,4-Dichlorophenol	7.97	162	281923	42.926	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	311436	41.600	ng		98
31) Naphthalene	8.12	128	953982	43.236	ng		99
32) Benzoic acid	7.91	122	145561m	33.192	ng		
33) 4-Chloroaniline	8.17	127	405918	41.174	ng		99
34) Hexachlorobutadiene	8.23	225	183309	42.509	ng		99
35) Caprolactam	8.55	113	83642m	39.377	ng		
36) 4-Chloro-3-methylphenol	8.66	107	287879	42.134	ng		95
37) 2-Methylnaphthalene	8.81	142	616638	42.435	ng		99
38) 1-Methylnaphthalene	8.91	142	581694	42.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	283958	43.213	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	92088	34.828	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	173957	38.460	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	175459	37.528	ng		98
46) 1,1'-Biphenyl	9.27	154	756985	43.622	ng		97
47) 2-Chloronaphthalene	9.30	162	608861	42.156	ng		100
48) 2-Nitroaniline	9.40	65	196781	41.220	ng		98
49) Acenaphthylene	9.72	152	906368	43.015	ng		99
50) Dimethylphthalate	9.57	163	692588	41.383	ng		100
51) 2,6-Dinitrotoluene	9.64	165	151943	41.777	ng	#	86
52) Acenaphthene	9.89	154	551234	42.643	ng		99
53) 3-Nitroaniline	9.82	138	176512	39.277	ng		98
54) 2,4-Dinitrophenol	9.95	184	51245	32.810	ng		95
55) Dibenzofuran	10.06	168	779961	41.490	ng		99
56) 4-Nitrophenol	9.99	139	108888	37.823	ng		99
57) 2,4-Dinitrotoluene	10.05	165	190932	39.429	ng	#	89
58) Fluorene	10.40	166	641145	44.329	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	148371	37.720	ng		96
60) Diethylphthalate	10.27	149	664366	42.519	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	327053	44.649	ng		99
62) 4-Nitroaniline	10.43	138	161635	34.803	ng		99
63) Azobenzene	10.55	77	694343	43.203	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	81669	36.988	ng		87
66) n-Nitrosodiphenylamine	10.51	169	549303	43.801	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	197379	44.252	ng		96
68) Hexachlorobenzene	10.96	284	222443	43.129	ng		94
69) Atrazine	11.03	200	167582	40.619	ng		99
70) Pentachlorophenol	11.16	266	89373	35.692	ng		98
71) Phenanthrene	11.36	178	921983	43.285	ng		100
72) Anthracene	11.42	178	941034	43.653	ng		99
73) Carbazole	11.57	167	853339	43.632	ng		99
74) Di-n-butylphthalate	11.89	149	1033656	45.307	ng		99
75) Fluoranthene	12.55	202	942192	42.252	ng		98
77) Benzidine	12.67	184	336833	35.691	ng		97
78) Pyrene	12.78	202	947226	44.983	ng		99
80) Butylbenzylphthalate	13.39	149	404021	45.358	ng		98
81) Benzo(a)anthracene	13.97	228	759483	42.537	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	251117	40.483	ng		99
83) Chrysene	14.00	228	745556	43.011	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	545893	47.162	ng		99
85) Di-n-octyl phthalate	14.54	149	843448	45.876	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	631324	43.364	ng		100
88) Benzo(b)fluoranthene	15.02	252	611417	40.630	ng		100
89) Benzo(k)fluoranthene	15.04	252	635626	43.366	ng		98
90) Benzo(a)pyrene	15.38	252	567249	42.168	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	523113	44.924	ng		98
92) Benzo(g,h,i)perylene	17.34	276	506897	44.325	ng		98

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

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