Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112236.D
Acq On : 25 Jan 2019 16:45
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF012519

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:29 AM

Quant Time: Jan 28 03:05:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190241	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	727323	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	285919	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	532952	20.00	ng		0.00
76) Chrysene-d12	14.01	240	510302	20.00	ng		0.00
87) Perylene-d12	15.47	264	399317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	664754	74.22	ng		0.00
7) Phenol-d6	6.49	99	987225	79.32	ng		0.00
23) Nitrobenzene-d5	7.41	82	1011472	80.13	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	301461	90.58	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1753480	86.74	ng		0.00
79) Terphenyl-d14	12.95	244	2159621	79.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	141131	39.556	ng		95
3) Pyridine	3.36	79	337042	37.136	ng		96
4) n-Nitrosodimethylamine	3.32	42	143250	37.568	ng	#	91
6) Aniline	6.51	93	590316	39.873	ng	#	80
8) 2-Chlorophenol	6.64	128	478090	39.680	ng		99
9) Benzaldehyde	6.39	77	257221	39.542	ng		98
10) Phenol	6.50	94	551334	40.379	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	421514	39.212	ng		97
12) 1,3-Dichlorobenzene	6.79	146	543961	38.766	ng		99
13) 1,4-Dichlorobenzene	6.86	146	564470	39.087	ng		98
14) 1,2-Dichlorobenzene	7.02	146	535103	39.576	ng		94
15) Benzyl Alcohol	6.99	79	418867	39.926	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	552731	40.047	ng		88
17) 2-Methylphenol	7.11	107	375714	39.336	ng		94
18) Hexachloroethane	7.36	117	205556	40.535	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	338056	39.393	ng		96
20) 3+4-Methylphenols	7.26	107	477304	39.079	ng	#	79
22) Acetophenone	7.26	105	693734	39.171	ng	#	97
24) Nitrobenzene	7.43	77	501318	39.767	ng		99
25) Isophorone	7.67	82	800092	40.404	ng		98
26) 2-Nitrophenol	7.75	139	281898	41.843	ng		94
27) 2,4-Dimethylphenol	7.79	122	371731	40.048	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	545960	40.490	ng		99
29) 2,4-Dichlorophenol	7.99	162	422052	40.631	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	479915	40.194	ng		99
31) Naphthalene	8.15	128	1348563	39.649	ng		99
32) Benzoic acid	7.93	122	196116	37.040	ng		97
33) 4-Chloroaniline	8.20	127	593411	40.068	ng		98
34) Hexachlorobutadiene	8.27	225	281360	40.157	ng		98
35) Caprolactam	8.58	113	144778m	39.509	ng		
36) 4-Chloro-3-methylphenol	8.69	107	429497	39.058	ng		98
37) 2-Methylnaphthalene	8.84	142	870774	37.397	ng		97
38) 1-Methylnaphthalene	8.94	142	796699	35.698	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	418657	44.596	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	131981	42.193	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	261477	45.186	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	276065	45.647	ng		99
46) 1,1'-Biphenyl	9.30	154	1095597	43.831	ng		99
47) 2-Chloronaphthalene	9.33	162	852057	43.957	ng		97
48) 2-Nitroaniline	9.43	65	230469	43.623	ng		90
49) Acenaphthylene	9.75	152	1246800	43.885	ng		99
50) Dimethylphthalate	9.60	163	967688	43.561	ng		100
51) 2,6-Dinitrotoluene	9.67	165	219410	44.101	ng	#	83
52) Acenaphthene	9.92	154	670780	39.523	ng		98
53) 3-Nitroaniline	9.84	138	241260	44.761	ng		89
54) 2,4-Dinitrophenol	9.95	184	64506	40.400	ng		87
55) Dibenzofuran	10.09	168	1143819	44.102	ng		96
56) 4-Nitrophenol	10.02	139	130764	45.888	ng		91
57) 2,4-Dinitrotoluene	10.07	165	289307	45.677	ng	#	84
58) Fluorene	10.43	166	857373	44.176	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	208741	45.673	ng		93
60) Diethylphthalate	10.30	149	983412	44.609	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	462985	43.854	ng		92
62) 4-Nitroaniline	10.46	138	218722	41.371	ng		94
63) Azobenzene	10.58	77	881960	45.489	ng		100
65) 4,6-Dinitro-2-methylphenol	10.49	198	136761	45.769	ng		95
66) n-Nitrosodiphenylamine	10.54	169	793676	44.186	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	266121	42.455	ng		96
68) Hexachlorobenzene	10.99	284	304914	45.340	ng		95
69) Atrazine	11.07	200	271554	46.854	ng		97
70) Pentachlorophenol	11.18	266	124114	47.430	ng		99
71) Phenanthrene	11.39	178	1129234	40.756	ng		99
72) Anthracene	11.45	178	1181459	42.806	ng		100
73) Carbazole	11.60	167	1141952	41.945	ng		99
74) Di-n-butylphthalate	11.92	149	1501206	44.424	ng		99
75) Fluoranthene	12.59	202	1392814	46.868	ng		97
77) Benzidine	12.70	184	507889	36.161	ng		98
78) Pyrene	12.82	202	1452807	41.121	ng		99
80) Butylbenzylphthalate	13.42	149	697141	40.784	ng		90
81) Benzo(a)anthracene	14.00	228	1179443	39.317	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	432938	38.563	ng		99
83) Chrysene	14.04	228	1136048	39.674	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	966523	39.834	ng		97
85) Di-n-octyl phthalate	14.59	149	1458134	39.060	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	892103	39.318	ng		97
88) Benzo(b)fluoranthene	15.05	252	1001882	41.953	ng		98
89) Benzo(k)fluoranthene	15.07	252	898417	39.276	ng		99
90) Benzo(a)pyrene	15.42	252	859732	40.010	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	756040	43.656	ng		98
92) Benzo(g,h,i)perylene	17.40	276	718291	43.962	ng		96

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

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