Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116612.D
Acq On : 28 Aug 2019 13:26
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF082819

Quant Time: Aug 28 17:04:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120113	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	519932	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	259190	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	491475	20.00	ng	0.00
76) Chrysene-d12	14.02	240	282328	20.00	ng	0.00
87) Perylene-d12	15.47	264	248792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	591129	85.00	ng	0.00
7) Phenol-d6	6.49	99	765645	81.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	745315	82.02	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	222035	90.02	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1318616	84.67	ng	0.00
79) Terphenyl-d14	12.96	244	1356110	78.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	130871	40.455	ng	100
3) Pyridine	3.38	79	378752	41.629	ng	99
4) n-Nitrosodimethylamine	3.32	42	140156	41.452	ng	99
6) Aniline	6.53	93	523123	41.189	ng	99
8) 2-Chlorophenol	6.65	128	329352	42.027	ng	99
9) Benzaldehyde	6.42	77	235195	42.516	ng	100
10) Phenol	6.50	94	435907	42.151	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	320192	41.660	ng	99
12) 1,3-Dichlorobenzene	6.81	146	380321	40.969	ng	99
13) 1,4-Dichlorobenzene	6.89	146	380451	41.016	ng	100
14) 1,2-Dichlorobenzene	7.04	146	361604	41.251	ng	98
15) Benzyl Alcohol	7.00	79	306492	41.788	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	428327	41.088	ng	99
17) 2-Methylphenol	7.12	107	287323	40.945	ng	99
18) Hexachloroethane	7.39	117	140231	40.944	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	248975	41.527	ng	99
20) 3+4-Methylphenols	7.27	107	361138	42.364	ng	98
22) Acetophenone	7.27	105	492647	40.343	ng	99
24) Nitrobenzene	7.45	77	376403	40.851	ng	98
25) Isophorone	7.69	82	668627	40.421	ng	99
26) 2-Nitrophenol	7.76	139	183913	41.532	ng	98
27) 2,4-Dimethylphenol	7.80	122	268272	38.689	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	422592	39.331	ng	99
29) 2,4-Dichlorophenol	8.00	162	286629	39.551	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	335147	40.257	ng	99
31) Naphthalene	8.17	128	1020869	40.989	ng	100
32) Benzoic acid	7.91	122	234147	39.514	ng	98
33) 4-Chloroaniline	8.22	127	449581	40.957	ng	100
34) Hexachlorobutadiene	8.29	225	188817	40.707	ng	99
35) Caprolactam	8.58	113	87663	40.511	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	307896	42.177	ng	98
37) 2-Methylnaphthalene	8.86	142	633822	40.750	ng	98
38) 1-Methylnaphthalene	8.96	142	608486	40.058	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	303709	42.709	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	167514	40.680	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	211319	42.313	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	215401	42.882	ng		98
46) 1,1'-Biphenyl	9.32	154	822717	41.815	ng		98
47) 2-Chloronaphthalene	9.35	162	634914	41.395	ng		99
48) 2-Nitroaniline	9.44	65	203190	41.886	ng		99
49) Acenaphthylene	9.76	152	901721	40.026	ng		100
50) Dimethylphthalate	9.62	163	748875	42.977	ng		100
51) 2,6-Dinitrotoluene	9.68	165	164908	42.918	ng		98
52) Acenaphthene	9.93	154	620317	40.666	ng		97
53) 3-Nitroaniline	9.85	138	183157	39.921	ng		99
54) 2,4-Dinitrophenol	9.95	184	77703	40.812	ng		85
55) Dibenzofuran	10.10	168	857208	41.730	ng		100
56) 4-Nitrophenol	10.00	139	145204	41.631	ng		97
57) 2,4-Dinitrotoluene	10.08	165	211648	41.745	ng		99
58) Fluorene	10.45	166	692272	44.406	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	180705	43.705	ng		100
60) Diethylphthalate	10.32	149	734521	43.185	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	349819	44.760	ng		99
62) 4-Nitroaniline	10.46	138	197923	44.339	ng		98
63) Azobenzene	10.60	77	757023	44.090	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	108697	41.458	ng		98
66) n-Nitrosodiphenylamine	10.56	169	635605	40.855	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	216595	41.548	ng		99
68) Hexachlorobenzene	11.00	284	239005	41.180	ng		99
69) Atrazine	11.08	200	187232	40.644	ng		98
70) Pentachlorophenol	11.19	266	145154	40.704	ng		97
71) Phenanthrene	11.41	178	1064287	40.317	ng		100
72) Anthracene	11.46	178	1067111	40.428	ng		100
73) Carbazole	11.61	167	943861	42.015	ng		100
74) Di-n-butylphthalate	11.94	149	1141301	43.839	ng		100
75) Fluoranthene	12.59	202	1049530	44.330	ng		99
77) Benzidine	12.70	184	416428	40.773	ng		97
78) Pyrene	12.82	202	1068483	41.157	ng		99
80) Butylbenzylphthalate	13.43	149	380906	37.869	ng		99
81) Benzo(a)anthracene	14.00	228	760391	40.397	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	252785	41.270	ng		100
83) Chrysene	14.04	228	743056	40.324	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	477873	40.513	ng	#	97
85) Di-n-octyl phthalate	14.61	149	675327	39.253	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	655817	41.833	ng		99
88) Benzo(b)fluoranthene	15.04	252	616434	40.347	ng		100
89) Benzo(k)fluoranthene	15.07	252	536863	36.967	ng		98
90) Benzo(a)pyrene	15.41	252	537912	39.449	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	539350	42.391	ng		100
92) Benzo(g,h,i)perylene	17.36	276	536986	40.589	ng		99

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

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