Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
Data File : BF112073.D
Acq On : 16 Jan 2019 18:29
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF011619

Quant Time: Jan 17 02:54:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	307627	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1157967	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	576673	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1112356	20.00	ng	0.00
76) Chrysene-d12	14.03	240	911379	20.00	ng	0.00
87) Perylene-d12	15.50	264	751415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1308936	77.23	ng	0.00
7) Phenol-d6	6.51	99	1620672	76.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	1440320	85.94	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	530194	85.23	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2837000	72.13	ng	0.00
79) Terphenyl-d14	12.97	244	3144843	73.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	311514	39.189	ng	99
3) Pyridine	3.39	79	801408	40.254	ng	98
4) n-Nitrosodimethylamine	3.35	42	319193	39.487	ng	100
6) Aniline	6.53	93	994097	38.544	ng	95
8) 2-Chlorophenol	6.66	128	766306	38.930	ng	99
9) Benzaldehyde	6.41	77	451778	39.478	ng	99
10) Phenol	6.52	94	897653	38.733	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	717748	38.951	ng	100
12) 1,3-Dichlorobenzene	6.80	146	877029	39.041	ng	100
13) 1,4-Dichlorobenzene	6.88	146	886598	38.584	ng	100
14) 1,2-Dichlorobenzene	7.03	146	824681	38.962	ng	97
15) Benzyl Alcohol	7.00	79	621913	39.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1014531	38.179	ng	99
17) 2-Methylphenol	7.12	107	576196	38.978	ng	99
18) Hexachloroethane	7.37	117	304561	39.712	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	503822	39.000	ng	99
20) 3+4-Methylphenols	7.27	107	706969	39.443	ng	98
22) Acetophenone	7.27	105	1011806	37.716	ng	99
24) Nitrobenzene	7.45	77	760194	42.796	ng	98
25) Isophorone	7.68	82	1229687	37.984	ng	100
26) 2-Nitrophenol	7.76	139	383427	42.733	ng	99
27) 2,4-Dimethylphenol	7.80	122	585400	38.956	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	849635	38.260	ng	99
29) 2,4-Dichlorophenol	8.01	162	650698	39.639	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	745533	39.134	ng	98
31) Naphthalene	8.17	128	2018100	38.317	ng	99
32) Benzoic acid	7.93	122	218339	35.963	ng	99
33) 4-Chloroaniline	8.22	127	905147	38.240	ng	100
34) Hexachlorobutadiene	8.29	225	407971	38.482	ng	100
35) Caprolactam	8.59	113	221609	38.571	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	620948	38.729	ng	100
37) 2-Methylnaphthalene	8.86	142	1370035	38.307	ng	98
38) 1-Methylnaphthalene	8.96	142	1327716	38.629	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	719235	38.840	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	255463	38.995	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	450933	40.706	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	475600	40.311	ng		100
46) 1,1'-Biphenyl	9.32	154	1836411	38.084	ng		99
47) 2-Chloronaphthalene	9.35	162	1447333	38.345	ng		100
48) 2-Nitroaniline	9.45	65	376779	44.318	ng		98
49) Acenaphthylene	9.76	152	2096086	38.055	ng		100
50) Dimethylphthalate	9.62	163	1606481	38.199	ng		99
51) 2,6-Dinitrotoluene	9.68	165	364701	43.423	ng	#	86
52) Acenaphthene	9.94	154	1287479	38.204	ng		100
53) 3-Nitroaniline	9.86	138	399973	42.587	ng		96
54) 2,4-Dinitrophenol	9.96	184	90716	46.162	ng		98
55) Dibenzofuran	10.11	168	1961838	38.494	ng		99
56) 4-Nitrophenol	10.03	139	258193	41.400	ng		100
57) 2,4-Dinitrotoluene	10.09	165	457146	42.936	ng		100
58) Fluorene	10.45	166	1443294	37.904	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	374175	42.027	ng		99
60) Diethylphthalate	10.32	149	1570666	38.260	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	794555	38.669	ng		99
62) 4-Nitroaniline	10.47	138	403122	43.226	ng		97
63) Azobenzene	10.60	77	1508091	38.361	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	193837	43.085	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1417180	38.538	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	509287	39.417	ng		97
68) Hexachlorobenzene	11.00	284	536417	38.541	ng		98
69) Atrazine	11.09	200	457666	38.568	ng		99
70) Pentachlorophenol	11.20	266	246177	40.085	ng		98
71) Phenanthrene	11.42	178	2140558	38.238	ng		100
72) Anthracene	11.46	178	2153354	37.973	ng		99
73) Carbazole	11.62	167	2137293	37.624	ng		99
74) Di-n-butylphthalate	11.95	149	2402157	37.592	ng		100
75) Fluoranthene	12.60	202	2231086	37.747	ng		100
77) Benzidine	12.72	184	995894	32.751	ng		98
78) Pyrene	12.83	202	2310511	38.426	ng		99
80) Butylbenzylphthalate	13.44	149	1056265	40.042	ng		92
81) Benzo(a)anthracene	14.02	228	1988773	38.058	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	734896	37.553	ng		99
83) Chrysene	14.06	228	1868924	37.797	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1465621	38.767	ng		98
85) Di-n-octyl phthalate	14.61	149	2256507	38.739	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1528293	33.502	ng		99
88) Benzo(b)fluoranthene	15.07	252	1658188	38.876	ng		99
89) Benzo(k)fluoranthene	15.10	252	1661722	40.252	ng		100
90) Benzo(a)pyrene	15.44	252	1519504	38.846	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1281057	36.873	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1256406	36.708	ng		98

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

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