Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114014.D
Acq On : 26 Apr 2019 17:16
Operator : JU/SJ
Sample : K2571-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTONMSD

Manual Integrations APPROVED
Sohil
4/27/2019 2:36:53 AM

Quant Time: Apr 27 01:18:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	231329	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	902613	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	479590	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	875753	20.00	ng		0.01
76) Chrysene-d12	14.06	240	629894	20.00	ng		0.00
87) Perylene-d12	15.55	264	686899	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	960001	70.98	ng		0.01
7) Phenol-d6	6.53	99	1271459	74.93	ng		0.01
23) Nitrobenzene-d5	7.46	82	781021	53.43	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	428776	73.39	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1509056	49.21	ng		0.00
79) Terphenyl-d14	13.01	244	1654602	53.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	127713	20.031	ng		97
3) Pyridine	3.49	79	355187	20.410	ng		97
4) n-Nitrosodimethylamine	3.43	42	135252	22.704	ng		92
6) Aniline	6.56	93	410289	17.608	ng		99
8) 2-Chlorophenol	6.69	128	381083	24.679	ng		99
9) Benzaldehyde	6.44	77	93396	5.192	ng		96
10) Phenol	6.55	94	490491	24.173	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	372684	24.408	ng		97
12) 1,3-Dichlorobenzene	6.84	146	418549	23.932	ng		99
13) 1,4-Dichlorobenzene	6.92	146	426913	24.270	ng		99
14) 1,2-Dichlorobenzene	7.07	146	398380	24.643	ng		99
15) Benzyl Alcohol	7.04	79	326363	28.557	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	421151	23.628	ng		91
17) 2-Methylphenol	7.15	107	342925	25.335	ng		98
18) Hexachloroethane	7.41	117	147657	23.946	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	272363	24.785	ng		98
20) 3+4-Methylphenols	7.30	107	396416	25.922	ng	#	84
22) Acetophenone	7.30	105	534676	26.619	ng	#	92
24) Nitrobenzene	7.47	77	420134	26.010	ng		99
25) Isophorone	7.72	82	760490	25.424	ng		100
26) 2-Nitrophenol	7.79	139	216163	29.334	ng		95
27) 2,4-Dimethylphenol	7.83	122	351809	29.302	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	482546	25.316	ng		100
29) 2,4-Dichlorophenol	8.03	162	372793	27.153	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	393282	25.690	ng		99
31) Naphthalene	8.20	128	1113835	25.976	ng		99
32) Benzoic acid	7.93	122	81293	10.026	ng		97
33) 4-Chloroaniline	8.25	127	267423	14.739	ng		96
34) Hexachlorobutadiene	8.32	225	236130	24.743	ng		97
35) Caprolactam	8.62	113	110145m	25.219	ng		
36) 4-Chloro-3-methylphenol	8.73	107	368214	27.070	ng		99
37) 2-Methylnaphthalene	8.89	142	771447	26.680	ng		99
38) 1-Methylnaphthalene	8.99	142	733710	26.290	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396673	25.463	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	394603	45.423	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	278343	28.137	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	310413	27.976	ng		98
46) 1,1'-Biphenyl	9.36	154	963857	26.308	ng		99
47) 2-Chloronaphthalene	9.38	162	777628	26.100	ng		98
48) 2-Nitroaniline	9.47	65	230641	29.530	ng		85
49) Acenaphthylene	9.80	152	1194219	25.603	ng		99
50) Dimethylphthalate	9.66	163	1095646	31.589	ng		100
51) 2,6-Dinitrotoluene	9.72	165	215686	28.985	ng		99
52) Acenaphthene	9.97	154	750602	27.230	ng		97
53) 3-Nitroaniline	9.88	138	162560	20.789	ng		99
54) 2,4-Dinitrophenol	9.99	184	125351	43.206	ng	#	6
55) Dibenzofuran	10.15	168	1076413	26.069	ng		99
56) 4-Nitrophenol	10.05	139	339932	54.906	ng		97
57) 2,4-Dinitrotoluene	10.12	165	292963	31.192	ng		91
58) Fluorene	10.49	166	802251	25.807	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	254565m	26.107	ng		
60) Diethylphthalate	10.36	149	900722	27.346	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	419709	25.493	ng		98
62) 4-Nitroaniline	10.50	138	206748	27.095	ng		99
63) Azobenzene	10.63	77	807083	25.283	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	98356	28.081	ng		84
66) n-Nitrosodiphenylamine	10.59	169	746009	28.390	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	275428	26.034	ng		96
68) Hexachlorobenzene	11.04	284	296650	25.517	ng		95
69) Atrazine	11.12	200	248955	29.124	ng		96
70) Pentachlorophenol	11.23	266	298011	45.274	ng		98
71) Phenanthrene	11.45	178	1149095	26.109	ng		99
72) Anthracene	11.50	178	1189432	26.762	ng		100
73) Carbazole	11.65	167	1050267	26.488	ng		99
74) Di-n-butylphthalate	11.99	149	1270707	27.244	ng		100
75) Fluoranthene	12.64	202	1236914	25.760	ng		97
77) Benzidine	12.75	184	230101	12.260	ng	#	75
78) Pyrene	12.87	202	1250637	28.392	ng		100
80) Butylbenzylphthalate	13.47	149	552260	31.865	ng		98
81) Benzo(a)anthracene	14.05	228	1060173	28.567	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	195129	14.345	ng	#	98
83) Chrysene	14.09	228	1047103	28.970	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	751650	34.087	ng		98
85) Di-n-octyl phthalate	14.66	149	1192145	34.541	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1223586	35.739	ng		98
88) Benzo(b)fluoranthene	15.12	252	1065990	24.528	ng		99
89) Benzo(k)fluoranthene	15.14	252	997672	26.688	ng		99
90) Benzo(a)pyrene	15.49	252	1004487	26.722	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	996306	28.234	ng		99
92) Benzo(g,h,i)perylene	17.50	276	1031367	28.963	ng		98

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

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