Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119877.D
Acq On : 9 Apr 2020 18:45
Operator : MA/SJ
Sample : L2172-01MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CC-1MS

Quant Time: Apr 10 02:17:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	190883	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	633743	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	293703	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	477488	20.00	ng		0.00
76) Chrysene-d12	13.94	240	293006	20.00	ng		0.00
87) Perylene-d12	15.37	264	276469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1377896	124.75	ng		0.02
7) Phenol-d6	6.42	99	1770025	124.37	ng		0.01
23) Nitrobenzene-d5	7.34	82	1211162	98.87	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	425354	118.29	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	1978624	95.65	ng		0.00
79) Terphenyl-d14	12.89	244	1672602	96.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	190238	38.670	ng		99
3) Pyridine	3.26	79	539407	39.963	ng		93
4) n-Nitrosodimethylamine	3.22	42	315087	45.689	ng		96
6) Aniline	6.43	93	449675	24.072	ng	#	73
8) 2-Chlorophenol	6.56	128	560271	45.398	ng		98
9) Benzaldehyde	6.32	77	282546	35.099	ng		99
10) Phenol	6.43	94	683051	42.303	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	569938	45.716	ng		99
12) 1,3-Dichlorobenzene	6.71	146	636466	47.107	ng		99
13) 1,4-Dichlorobenzene	6.79	146	650613	47.272	ng		99
14) 1,2-Dichlorobenzene	6.95	146	602517	47.502	ng		97
15) Benzyl Alcohol	6.92	79	514513	46.544	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1080632	44.544	ng		98
17) 2-Methylphenol	7.03	107	490199	44.509	ng		96
18) Hexachloroethane	7.28	117	229841	44.684	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	430166	47.002	ng		98
20) 3+4-Methylphenols	7.19	107	596282	44.268	ng		97
22) Acetophenone	7.19	105	811813	54.703	ng		97
24) Nitrobenzene	7.36	77	634510	51.489	ng		98
25) Isophorone	7.60	82	1020358	43.209	ng		99
26) 2-Nitrophenol	7.67	139	276773	44.955	ng		94
27) 2,4-Dimethylphenol	7.72	122	452942	48.780	ng		100
28) bis(2-Chloroethoxy)methane	7.81	93	636858	45.831	ng		100
29) 2,4-Dichlorophenol	7.92	162	438353	46.056	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	483813	44.862	ng		100
31) Naphthalene	8.08	128	1548576	46.444	ng		99
32) Benzoic acid	7.85	122	321500	39.424	ng		93
33) 4-Chloroaniline	8.13	127	165385	11.394	ng		96
34) Hexachlorobutadiene	8.20	225	292242	45.269	ng		98
35) Caprolactam	8.51	113	127068m	43.644	ng		
36) 4-Chloro-3-methylphenol	8.62	107	470257	45.636	ng		96
37) 2-Methylnaphthalene	8.77	142	1112677	49.221	ng		99
38) 1-Methylnaphthalene	8.87	142	981131	46.048	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	447324	48.222	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	240554	45.603	ng		98
43) 2,4,6-Trichlorophenol	9.05	196	322883	50.405	ng		100
44) 2,4,5-Trichlorophenol	9.09	196	325111	45.062	ng		99
46) 1,1'-Biphenyl	9.24	154	1185273	47.812	ng		99
47) 2-Chloronaphthalene	9.26	162	918370	48.090	ng		98
48) 2-Nitroaniline	9.36	65	333715	48.221	ng		95
49) Acenaphthylene	9.67	152	1369188	47.143	ng		99
50) Dimethylphthalate	9.55	163	1297613	57.120	ng		99
51) 2,6-Dinitrotoluene	9.60	165	232965	46.829	ng		92
52) Acenaphthene	9.85	154	891015m	45.991	ng		
53) 3-Nitroaniline	9.77	138	143746	25.300	ng		99
54) 2,4-Dinitrophenol	9.87	184	100981	33.905	ng	#	85
55) Dibenzofuran	10.02	168	1227647	46.177	ng		99
56) 4-Nitrophenol	9.94	139	363267	85.931	ng		98
57) 2,4-Dinitrotoluene	10.01	165	296257	45.200	ng		95
58) Fluorene	10.36	166	1000806	47.071	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	243379	44.106	ng		100
60) Diethylphthalate	10.24	149	1077541	45.765	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	496800	45.589	ng		97
62) 4-Nitroaniline	10.39	138	207948	38.405	ng		97
63) Azobenzene	10.52	77	947250	44.892	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	68823	21.878	ng		98
66) n-Nitrosodiphenylamine	10.47	169	848617	53.440	ng		99
67) 4-Bromophenyl-phenylether	10.85	248	286506	48.249	ng		98
68) Hexachlorobenzene	10.92	284	288850	47.951	ng	#	92
69) Atrazine	11.01	200	237113	53.666	ng		98
70) Pentachlorophenol	11.11	266	297301	85.642	ng		99
71) Phenanthrene	11.33	178	1199590	47.205	ng		99
72) Anthracene	11.38	178	1243278	47.892	ng		99
73) Carbazole	11.53	167	1189798	48.465	ng		99
74) Di-n-butylphthalate	11.87	149	1485675	46.034	ng		100
75) Fluoranthene	12.52	202	1288577	46.995	ng		97
77) Benzidine	12.64	184	622372	62.838	ng		96
78) Pyrene	12.74	202	1109570	44.920	ng		100
80) Butylbenzylphthalate	13.36	149	530509	44.262	ng		98
81) Benzo(a)anthracene	13.93	228	906234	47.014	ng		100
82) 3,3'-Dichlorobenzidine	13.90	252	350220	48.694	ng	#	97
83) Chrysene	13.97	228	928235	47.393	ng		100
84) Bis(2-ethylhexyl)phthalate	13.93	149	732768	45.146	ng		99
85) Di-n-octyl phthalate	14.54	149	1263170	45.707	ng		100
86) Indeno(1,2,3-cd)pyrene	16.80	276	871057	50.453	ng		99
88) Benzo(b)fluoranthene	14.97	252	1036520	52.116	ng		100
89) Benzo(k)fluoranthene	15.00	252	967565	56.384	ng		98
90) Benzo(a)pyrene	15.32	252	785935	46.999	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	726717	49.061	ng		98
92) Benzo(g,h,i)perylene	17.23	276	660064	45.144	ng		99

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

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